

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

- X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.
- XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Air Quality Division with the following information in writing within five (5) days of such conditions:
- A. Description of noncomplying emission(s);
 - B. Cause of noncompliance;
 - C. Anticipated time the noncompliance is expected to continue, or, if corrected, the duration of the period of noncompliance;
 - D. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
 - E. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.
- XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:
- A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;
 - B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;
 - C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and
 - D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

- XIII. If samples are taken under Section XII.D above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.
- XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.
- XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919.E as well as notification requirements specified under LAC 33:III.927..
- XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Louisiana Air Quality Division, within ninety (90) days after the event, to amend this permit.
- XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Louisiana Air Quality Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:
1. Generally be less than 5 TPY
 2. Be less than the minimum emission rate (MER)
 3. Be scheduled daily, weekly, monthly, etc., or
 4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

- XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Assistant Secretary
Office of Legal Affairs & Enforcement
La. Dept. of Environmental Quality
Post Office Box 82282
Baton Rouge, Louisiana 70884-2282

- XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

AIR QUALITY DATA SHEET

LITTLE GYPSY ELECTRIC GENERATING PLANT ENTERGY LOUISISIANA, INC. NORCO, ST. CHARLES PARISH, LOUISIANA

Location of facility: 15 UTM: 744.90 km E 3,322.30 km N

Description of location: Located on the east bank of the Mississippi River just upstream from Bonnet Carre Spillway, 2 miles upstream of Norco

Estimated starting date of construction: Existing

Estimated starting date of operation: Operating

Type of dispersion calculation used: ISCST3 (Screen)

New or Existing X Type of source Electric Power Plant

EFFECTS ON AMBIENT AIR

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Air Quality Standard (NAAQS)
PM10	Annual	0.07 $\mu\text{g}/\text{m}^3$	(50 $\mu\text{g}/\text{m}^3$)
	24 hr	1.05 $\mu\text{g}/\text{m}^3$	(150 $\mu\text{g}/\text{m}^3$)
NOx	Annual	7.81 $\mu\text{g}/\text{m}^3$	(100 $\mu\text{g}/\text{m}^3$)
SO2	Annual	4.7 $\mu\text{g}/\text{m}^3$	(80 $\mu\text{g}/\text{m}^3$)
	3 hr	249 $\mu\text{g}/\text{m}^3$	(1,300 $\mu\text{g}/\text{m}^3$)
	24 hr	70.5 $\mu\text{g}/\text{m}^3$	(365 $\mu\text{g}/\text{m}^3$)
CO	1 hr	42 $\mu\text{g}/\text{m}^3$	(40,000 $\mu\text{g}/\text{m}^3$)
	8 hr	13.7 $\mu\text{g}/\text{m}^3$	(10,000 $\mu\text{g}/\text{m}^3$)

EMISSION POINT LIST

Emission Point No.	Description	Operating Rate (MAX) or Tank Capacity	Operating Schedule		
			H/D	D/W	W/Y
C1A	Unit 1 Stack A ^a	2,292 MM BTU/hr	24	7	52
C1B	Unit 1 Stack B ^a	2,292 MM BTU/hr	24	7	52
C2A	Unit 2 Stack A ^a	4,550 MM BTU/hr	24	7	52
C2B	Unit 2 Stack B ^a	4,550 MM BTU/hr	24	7	52
C3	Unit 3 Stack ^a	5,578 MM BTU/hr	24	7	52
T1	No. 2 Fuel Oil Storage Tank ^b	2,018,000 gals	24	7	52
T2	No. 2 Fuel Oil Storage Tank ^b	4,200,000 gals	24	7	52

a Constructed prior to September 18, 1978

b Constructed prior to July 23, 1984

HOURLY EMISSION RATES

LITTLE GYPSY ELECTRIC GENERATING PLANT
 ENTERGY LOUISIANA, INC.
 NORCO, ST. CHARLES PARISH, LOUISIANA

Emission Point No.	PM ₁₀	SO ₂	NO _x	CO	VOC	Other	HEIGHT Feet	TEMP. °F	FLOW RATE CFM
C1A	8.20/4.31	588.80/88.93	821.81/821.81	211.00/48.20	1.70/1.70	-	162	250	325,800
C1B	8.20/4.31	588.80/88.93	821.81/821.81	211.00/48.20	1.70/1.70	-	162	250	325,800
C2A	13.47/13.47	967.43/967.43	1,271.75/1,271.75	391.00/95.80	3.38/3.38	-	182	261	612,500
C2B	13.47/13.47	967.43/967.43	1,271.75/1,271.75	391.00/95.80	3.38/3.38	-	182	261	612,500
C3	38.89/20.80	2,792.23/421.83	6,803.33/6,803.33	1,826.00/234.80	8.28/8.28	-	172	282	1,471,300
T1	-	-	-	-	0.37/0.37	-	38	Amb.	NA
T2	-	-	-	-	0.74/0.74	-	34	Amb.	NA

ANNUAL EMISSION RATES

LITTLE GYPSY ELECTRIC GENERATING PLANT ENTERGY LOUISISANA, INC. NORCO, ST. CHARLES PARISH, LOUISIANA

Emission Point No.	Permitted Emissions Are Listed in Tons per Year					Other
	PM ₁₀	SO ₂	NO _x	CO	VOC	
C1A	18.84	389.53*	3,599.53	211.12	7.44	-
C1B	18.84	389.53*	3,599.53	211.12	7.44	-
C2A	59.02	4,237.36*	5,570.24	419.60	14.79	-
C2B	59.02	4,237.36*	5,570.24	419.60	14.79	-
C3	91.11	1,847.61*	29,798.59	1,028.42	36.25	-
T1	-	-	-	-	1.63	-
T2	-	-	-	-	3.25	-
Total	246.83	11,101.39*	48,138.13	2,289.86	85.59	-

* Effective January 1, 2000, SO₂ emissions will be subject to the limitations of Acid Rain Program as stated in Part 70 Specific Condition 2.



PARISH OF ST. CHARLES

DEPARTMENT OF PLANNING & ZONING

P.O. Box 302 • Hahnville, Louisiana 70057
(504) 783-5060 • (504) 466-1990 • Fax: (504) 783-6447

CHRIS A. TREGRE
PARISH PRESIDENT

JOSEPH P. LASSUS
DIRECTOR

October 3, 1994

Robin J. Boudouin
Rust Environmental & Infrastructure
8919 World Ministry Ave.
Suite 201
Baton Rouge, LA 70810

RE: Zoning Affidavit Request - Little Gypsy

Dear Ms. Boudouin,

As per our phone conversation and your written request, I have confirmed that the Little Gypsy facility is located within an M-2 zoning district and therefore in compliance with local zoning law. If you need any further information, please contact me at (504) 783-5060.

Sincerely,

Earl J. Matherne, Jr.
CZM Planner

October 11, 1994

Mr. J. Rocky Plemons
Entergy/Fluor Daniel Alliance
104 Campus Drive, East
Destrehan, Louisiana 70047

RE: Final Permit Application
Oily Waste Pond
Louisiana Power & Light Company
Little Gypsy Electric Generating Plant
Montz, Louisiana

Dear Mr. Plemons:

RUST Environment & Infrastructure (RUST E&I) is pleased to submit the attached final Permit Application for the Oily Waste Pond at Louisiana Power & Light Company's Little Gypsy Plant. This Permit Application was prepared in response to an amended Order to Upgrade the Pond issued by the Louisiana Department of Environmental Quality (LDEQ) in April 1994.

Please note that proof of financial assurance must be submitted within 60 days following submittal of all permit applications and closure plans for LP&L facilities ordered to close or upgrade in Louisiana, in accordance with the response to LAC 33:VII.521.L.4 (page L-2) of the Permit Application.

We appreciate the opportunity to assist LP&L and Entergy on this very important project.

Very truly yours,

RUST E&I



M. Robin James, EIT
Staff Engineer



Terri L. Richardson, P.E.
Solid Waste Engineering Manager

TLR:tlr

cc: Mr. Gerald McGlamery, Entergy
Mr. Bob Bourg, Entergy
Mr. Don McBride, LP&L
LDEQ, Solid Waste Division (4 copies)
Quality through teamwork



ENTERGY

Entergy Services, Inc.
P.O. Box 61000
New Orleans, LA 70161
Tel 504 830 6462

Gerald G. McGlamery, P.E.
Environmental Administrator

Via Hand Delivery

October 10, 1994

Mr. Roger W. Gingles, Assistant Administrator
Louisiana Department of Environmental Quality
Office of Solid and Hazardous Waste
Solid Waste Division
P. O. Box 82178
Baton Rouge, Louisiana 70884-2178

Subject: Standard Solid Waste Permit Application for the Oily Waste Pond at Louisiana
Power & Light Company, Little Gypsy Electric Generating Plant

Reference: GD-089-2735
LDEQ Order to Upgrade OU-194A
Log No. SP-0-94-0072A
St. Charles Parish

Dear Mr. Gingles:

Please find the enclosed four (4) bound copies of the subject Permit Application and Entergy/LP&L Check No. 1169 in the amount of \$2,500.00 as payment of the Application Review Fee. This submittal addresses the requirements for the permitting of surface impoundments under LAC 33:VII. Chapters 5 and 7.

If there are any questions, please contact me at (540)830-6462 or Mr. Robert O. Bourg at (504) 840-7123.

Very truly yours,

Gerald G. McGlamery, P.E.
Louisiana Environmental Administrator

GGM/ROB:mhf

Enclosures

cc. Ms. Mia Townsel



**Working Fund Account:
Little Gypsy Plant
17420 River Road
LePlace, LA 70068**

142-R30

1150

9/15/94

**PAY TO THE
ORDER OF**
La. Dept. of Environmental Quality

\$2,500.00**

Two Thousand and 00/100 *****
DOLLARS

MEMO

[illegible]

ENERGY - LITTLE GYPSY PLANT

Permit	La. Dept of Environmental Quality	9/15/94	1169
	Permit for Little Gypsy		
	Oily Waste Pond		2,500.00

RECEIVED

OCT 11 1994

DEPT. OF ENVIRONMENTAL QUALITY
SOLID WASTE DIVISION

LG WF

2.500.00



ENTERGY

Entergy Services, Inc.
639 Loyola Avenue
P.O. Box 61000, L-PP-5E
New Orleans, LA 70161
Tel 504 576 6467

VIA - HAND DELIVERY

February 21, 1995

Mr. Roger W. Gingles
Assistant Administrator
Solid Waste Division
Louisiana Department of Environmental Quality
Post Office Box 82178
Baton Rouge, Louisiana 70884-2178

RECEIVED

FEB 21 1995

Dept. of Environmental Quality
Solid Waste Division

Gerald G. McGlamery, P.E.
Administrator
LA Environmental Support

Subject: Permit Application for Surface Impoundment at
Louisiana Power & Light Company (LP&L)
Little Gypsy Generating Plant

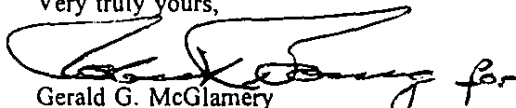
Reference: GD-089-2735
LDEQ Order to Upgrade
OU-0194A
Oily Waste Pond
Log No. SP-0-94-0072A
St. Charles Parish

Dear Mr. Gingles:

Please find the enclosed four (4) copies of the addendum to the subject Permit Application. The addendum includes the addition of the financial assurance documentation to Appendix H.

If there are any questions, please contact me at (504) 576-6462 or Mr. Robert O. Bourg at (504) 576-7123.

Very truly yours,


Gerald G. McGlamery
Louisiana Environmental Administrator

GGM/ROB:mf

Enclosures

cc: Mia Townsel
Hoa Van Nguyen



ENTERGY

Entergy Services, Inc.
639 Loyola Avenue
P.O. Box 61000, L-PP-5E
New Orleans, LA 70161
Tel 504 576 6467

June 5, 1995

Certified Mail No. Z 046 152 873
Return Receipt Requested

Mr. William J. Mollere, Administrator
Louisiana Department of Environmental Quality
Office of Solid and Hazardous Waste
Solid Waste Division
P. O. Box 82178
Baton Rouge, Louisiana 70884-2178

Subject: Public Notice After Completeness Review

Reference: Louisiana Power & Light Co.
Little Gypsy Electric Generating Plant
GD-089-2735 / OU-194A / PA #472
St. Charles Parish

Dear Mr. Mollere:

In accordance with the 1993 Solid Waste Regulations (LAC 33:I.1505.A.4), please find enclosed Proof of Publication in *The Times Picayune* indicating that we have received a letter of completeness on our permit application for the Little Gypsy Electric Generating Plant.

If there are any questions, please contact me at (504) 576-7123.

Very truly yours,


Robert O. Bourg
Senior Technical Support Specialist

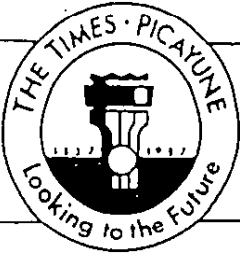
ROB:mhf
Enclosure

cc. Mr. Steve Aquillard
Ms. Mia Townsel
Mr. Ho Van Nguyen

datafile/environ/gypsy/pubnote2

bcc. Mr. Ellis Rhodes
Mr. Don McBride
Mr. Gerry McGlamery
Mr. Robert Bourg

File: E6600695.RBL



The Times-Picayune

3800 HOWARD AVENUE, NEW ORLEANS, LOUISIANA 70140-1097 TELEPHONE (504) 826-3206

State of Louisiana

Parish of Orleans

City of New Orleans

Personally appeared before me, a Notary in and for the parish of Orleans, Robert J. Chiasson who deposes and says that he is the Accounts Receivable Manager, of the Times-Picayune Publishing Corporation, a Louisiana Corporation, Publishers of The Times-Picayune, Daily and Sunday, of general circulation; doing business in the City of New Orleans and the State of Louisiana, and that the attached

Legal Notices:

RE: Louisiana Power & Light Co., Little Gypsy Electric Generating Plant has submitted a permit application

Advertisement of New Orleans Public Service

P.O. Box 61000 L-ENT-5E

New Orleans, La. 70161

Was published in The Times Picayune

3800 Howard Ave.

New Orleans, La. 70161

on the following dates March 20, 1995

Sworn to and subscribed before me this

20th day of March A.D., 1995

Notary Public

My commission expires at my death.

PUBLIC NOTICE
Notice is hereby given that Louisiana Power & Light Co., Little Gypsy Electric Generating Plant has submitted a permit application to the Department of Environmental Quality, Solid Waste Division to continue operation of its industrial solid waste surface impoundment in St. Charles Parish, Range 7 East, Township 12 South, Sections 9, 10, 11. The facility is located in Montz, Louisiana on Louisiana Highway 628, approximately 3 miles south of the intersection of Highway 629 and U.S. Highway 61. This application has been determined to be administratively complete by the Solid Waste Division.



ENTERGY

Entergy Services, Inc.
639 Loyola Avenue
P.O. Box 61000, L-PP-5E
New Orleans, LA 70161
Tel 504 576 6467

March 17, 1995

Ms. Yvette Dellucky
The Times Picayune
3800 Howard Avenue
New Orleans, LA 70140

Subject: Legal Advertisement - LP&L Little Gypsy Plant

Dear Ms. Dellucky:

Attached is information on Louisiana Power & Light Co., (LP&L), Little Gypsy Generating Plant for a classified advertisement to be published one time only on or before March 20, 1995. The advertisement must be placed in the legal or public notice's section of the newspaper.

Please send an invoice, along with a notarized proof of publication to document that the advertisement ran as specified, to me at the following address:

Mr. Robert O. Bourg
New Orleans Public Service Inc.
Post Office Box 61000, L-ENT-5E
New Orleans, LA 70161

3/20

If you have any questions or if you need additional information, please call me at (504) 576-7123.

Very truly yours,

Robert O. Bourg
Senior Technical Support Specialist

Attachment

PUBLIC NOTICE

Notice is hereby given that Louisiana Power & Light Co., Little Gypsy Electric Generating Plant has submitted a permit application to the Department of Environmental Quality, Solid Waste Division to continue operation of its industrial solid waste surface impoundment in St. Charles Parish, Range 7 East, Township 12 South, Sections 9, 10, 11. The facility is located in Montz, Louisiana on Louisiana Highway 628, approximately 3 miles south of the intersection of Highway 628 and U. S. Highway 61. This application has been determined to be administratively complete by the Solid Waste Division.



ENTERGY

Entergy Services, Inc.
639 Loyola Avenue
P.O. Box 61000, L-PP-5E
New Orleans, LA 70161
Tel 504 576 6467

October 9, 1995

Certified Mail No.Z 046 152 919
Return Receipt Requested

Mr. William J. Mollere, Administrator
Louisiana Department of Environmental Quality
Office of Solid and Hazardous Waste
Solid Waste Division
P. O. Box 82178
Baton Rouge, Louisiana 70884-2178

Subject: Proof of Publication - Permit Application Submittal

Reference: Little Gypsy Electric Generating Plant
GD-089-2735
LDEQ Order to Upgrade OU-0194A
Log No. SP-0-94-0072A
St. Charles Parish

Dear Mr. Mollere:

In accordance with the 1993 Solid Waste Regulations (LAC 33:VII.519.Q), please find enclosed Proof of Publication in *The Times Picayune* notifying all concerned that we intend to submit an application for an industrial surface impoundment in St. Charles Parish. This ad ran on November 12, 1994. The Proof of Publication in *The Advocate* is already included in the permit application, but the affidavit from the Times Picayune was not available at the time the permit application was submitted.

If there are any questions, please contact me at (504) 576-7123.

Very truly yours,


Robert O. Bourg
Senior Technical Support Specialist

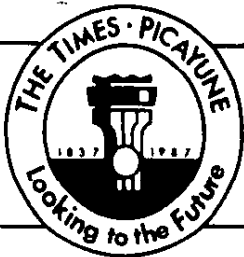
ROB:mhf
Enclosures

cc. Mr. Bijan Sharafkhani
Ms. Mia Townsel

c:\datafile\environ\gypsy\upgrade\popldeq.doc

cc. Gerry McGlamery
Don McBride
Steve Smith
Terri Richardson - RUST

file: E735/1gpop1



The Times-Picayune

3800 HOWARD AVENUE, NEW ORLEANS, LOUISIANA 70140-1097 TELEPHONE (504) 826-3206

State of Louisiana

Parish of Orleans

City of New Orleans

LIC NOTICE

is hereby given that the
Power & Light Co., Little
does intend to submit to
ent of Environmental Qual-
ite Division. an application
renewal to continue opera-
industrial solid waste sur-
oundment in St. Charles
age 7 East, Township 12
9, 10, 11, which is located
er Road in Montz, Louisi-
Louisiana Hwy. 628.
ments concerning the fa-
filed with the Secretary of
a Department of Environ-
y at the following address:

ia Department of imental Quality

olid and Hazardous Waste
id Waste Division
Permit Section
Office Box 82178
uge, LA 70884-2178

Personally appeared before me, a Notary in and for the parish of Orleans, Robert J. Chiasson who deposes and says that he is the Accounts Receivable Manager, of the Times-Picayune Publishing Corporation, a Louisiana Corporation, Publishers of The Times-Picayune, Daily and Sunday, of general circulation; doing business in the City of New Orleans and the State of Louisiana, and that the attached

Legal Notices

Re: LPL Co., Little Gypsy Plant/Permit Renewal to con-
tinue operation of 1 Industrial Solid Waste Surfacing
Impoundment in St. Charles Parish, Range 7 East, etc.
Advertisement of Entergy Services, Inc.

P.O. Box 61000 (Unit L-ENT-5E)

NOLA 70161

Was published in The Times Picayune

on the following dates November 12, 1994

Robert J. Chiasson

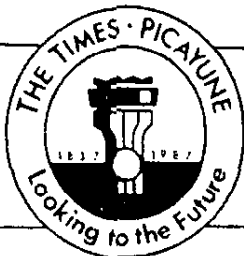
Sworn to and subscribed before me this

6th day of October A.D., 19 95

Carly
Notary Public

My commission expires at my death.

FORM 188-N



The Times-Picayune

3800 HOWARD AVENUE, NEW ORLEANS, LOUISIANA 70140-1097 TELEPHONE (504) 826-3206

State of Louisiana

Parish of Orleans

City of New Orleans

Personally appeared before me, a Notary in and for the parish of Orleans, Robert J. Chiasson who deposes and says that he is the Accounts Receivable Manager, of the Times-Picayune Publishing Corporation, a Louisiana Corporation, Publishers of The Times-Picayune, Daily and Sunday, of general circulation; doing business in the City of New Orleans and the State of Louisiana, and that the attached

Legal Notices

Re: LP&P Co., Little Gypsy Plant not intend'g to submit to DEQ an appl. for a Permit Renewal to Continue Operation on one (1) Industrial Solid Waste surfac'g Impound Advertisement of Entergy Services, Inc.

P.O. Box 61000 (L-TLC -32C)

NOLA 70161

Was published in The Times Picayune

on the following dates September 24, 1994

Robert J. Chiasson

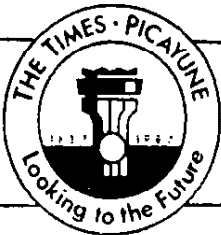
Sworn to and subscribed before me this

12th day of October A.D., 19 94

[Signature]
Notary Public

My commission expires at my death.

FORM 166-N



The Times-Picayune

3800 HOWARD AVENUE, NEW ORLEANS, LOUISIANA 70140-1097 TELEPHONE (504) 826-3206

State of Louisiana

Parish of Orleans

City of New Orleans

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PUBLIC NOTICE

Notice is hereby given that the Louisiana Power & Light Co., Little Gypsy Plant does not intend to submit to the Department of Environmental Quality, Solid Waste Division, an application for a permit renewal to continue operation of one (1) industrial solid waste surfacing impoundment in St. Charles Parish, Range 7 East, Township 12 South, Section 9, 10, 11, which is located at 17420 River Road in Montz, Louisiana on Louisiana Hwy. 628.

Comments concerning the facility may be filed with the Secretary of the Louisiana Department of Environmental Quality at the following address:

Louisiana Department of Environmental Quality

Office of Solid and Hazardous Waste
Solid Waste Division
Permit Section
Post Office Box 82178
Baton Rouge, LA 70884-2178

Legal Notices

Re: LP&P Co., Little Gypsy Plant not intend'g to submit to DEQ an appl. for a Permit Renewal to Continue Operation on one (1) Industrial Solid Waste surfac'g Impound't
Advertisement of Entergy Services, Inc.

P.O. Box 61000 (L-TLC -32C)

NOLA 70161

Was published in The Times Picayune

on the following dates September 24, 1994

Sworn to and subscribed before me this

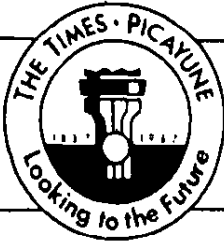
12th day of October A.D., 19 94

Notary Public

My commission expires at my death.

FORM 186-N

☐ EAST JEFFERSON ADVERTISER ☐ WEST BANK ADVERTISER ☐ ST. TAMMANY ADVERTISER ☐ EAST NEW ORLEANS ADVERTISER ☐ ST. BERNARD ADVERTISER ☐ RIVER PARISHES ADVERTISER
THURSDAY AND SUNDAY
☐ LAKE FRONT ADVERTISER ☐ ORLEANS ADVERTISER ☐ UPTOWN ADVERTISER ☐ MIDTOWN ADVERTISER
THURSDAY



The Times-Picayune

3800 HOWARD AVENUE, NEW ORLEANS, LOUISIANA 70140-1097 TELEPHONE (504) 826-3208

State of Louisiana

Parish of Orleans

City of New Orleans

Personally appeared before me, a Notary in and for the parish of Orleans, Robert J. Chiasson who deposes and says that he is the Accounts Receivable Manager, of the Times-Picayune Publishing Corporation, a Louisiana Corporation, Publishers of The Times-Picayune, Daily and Sunday, of general circulation; doing business in the City of New Orleans and the State of Louisiana, and that the attached

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Comments concerning the facility may be filed with the Secretary of the Louisiana Department of Environmental Quality at the following address:

Louisiana Department of Environmental Quality

Office of Solid and Hazardous Waste
Solid Waste Division
Permit Section
Post Office Box 82178
Baton Rouge, LA 70884-2178

Legal Notices

Re: LP&L Co., Little Gypsy Plant not intend'g to submit to DEQ an appl. for a Permit Renewal to Continue Operation on one (1) Industrial Solid Waste surfac'g Impound' Advertisement of Entergy Services, Inc.

P.O. Box 61000 (L-TLC -32C)

NOLA 70161

Was published in The Times Picayune

on the following dates September 24, 1994

Sworn to and subscribed before me this

12th day of October A.D., 19 94

Notary Public

FORM 186-N

My commission expires at my death.

☐ EAST JEFFERSON ADVERTISER ☐ WEST BANK ADVERTISER ☐ ST. TAMMANY ADVERTISER ☐ EAST NEW ORLEANS ADVERTISER ☐ ST. BERNARD ADVERTISER ☐ RIVER PARISHES ADVERTISER
THURSDAY AND SUNDAY
☐ LAKE FRONT ADVERTISER ☐ ORLEANS ADVERTISER ☐ UPTOWN ADVERTISER ☐ MIDTOWN ADVERTISER
THURSDAY

September 21, 1994

Ms. Yvette Dellucky
The Times Picayune
3800 Howard Avenue
New Orleans, LA 70140

Subject: Legal Advertisement

Dear Ms. Dellucky:

Attached is information on Louisiana Power & Light Co. (LP&L) Little Gypsy Plant for a classified advertisement to be published one time only on or before September 24, 1994. The advertisement must be placed in the legal or public notice's section of the newspaper and must measure three (3) column widths by five (5) inches, with a bold black border.

On the basis of our telephone conversation of May 18, 1994, I understand that the cost for this advertisement is \$86.60. Please send an invoice, along with a notarized proof of publication to document that the advertisement ran as specified, to me at the following address:

Mr. Robert O. Bourg (Unit L-TLC-32C)
New Orleans Public Service Inc.
Post Office Box 61000
New Orleans, LA 70161

If you have any questions or if you need additional information, please call me at (504) 840-7123.

Very truly yours,



Robert O. Bourg
Senior Technical Support Specialist

Attachment

PUBLIC NOTICE

Notice is hereby given that Louisiana Power & Light Co., Little Gypsy Plant does intend to submit to the Department of Environmental Quality, Solid Waste Division an application for a permit renewal to continue operation of one (1) industrial solid waste surface impoundment in St. Charles Parish, Range 7 East, Township 12 South, Section 9, 10, 11, which is located at 17420 River Road, in Montz, Louisiana on Louisiana Hwy. 628.

Comments concerning the facility may be filed with the Secretary of the Louisiana Department of Environmental Quality at the following address:

Louisiana Department of Environmental Quality

Office of Solid and Hazardous Waste

Solid Waste Division

Permit Section

Post Office Box 82178

Baton Rouge, LA 70884-2178

CAPITAL CITY PRESS

Publisher of

THE ADVOCATE

PROOF OF PUBLICATION

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Louisiana Department of
Environmental Quality
Office of Solid and Hazardous Waste
Solid Waste Division
Permit Section
Post Office Box 82178
Baton Rouge, LA 70884-2178

19876-sep 24-11

The hereto attached notice was published in THE ADVOCATE, a daily newspaper of general circulation, published in Baton Rouge, Louisiana, and the Official Journal of the State of Louisiana, the City of Baton Rouge and the Parish of East Baton Rouge, in the issues of:

SEPTEMBER 24, 1994

Jicki Thompson
Advertising Representative

Sworn and subscribed before me by the person whose signature appears above in Baton Rouge, La. on this

24 day of SEPTEMBER 19 94 AD.

[Signature]
Notary Public

My Commission Expires:

Indefinite

19876/582932
PERMIT APPLICATION

September 21, 1994

Ms. Yvette Dellucky
The Times Picayune
3800 Howard Avenue
New Orleans, LA 70140

Subject: **Legal Advertisement**

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New Orleans Public Service Inc.
Post Office Box 61000
New Orleans, LA 70161

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Louisiana Department of Environmental Quality

**Office of Solid and Hazardous Waste
Solid Waste Division
Permit Section**

**Post Office Box 82178
Baton Rouge, LA 70884-2178**

CAPITAL CITY PRESS

Publisher of

THE ADVOCATE

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24 day of SEPTEMBER 1994 AD.

[Signature]
Notary Public

My Commission Expires:

Indefinite

19876/582932
PERMIT APPLICATION



Louisiana Power & Light Company
P. O. Box 61000, TLC-32C
New Orleans, LA 70161

September 21, 1994

Ms. Vicki Thomson
The Advocate
P.O.Box 588
Baton Rouge, LA 70821

Subject: Legal Advertisement

Dear Ms. Thomson:

Attached is information on Louisiana Power & Light Co., Little Gypsy Plant for a classified advertisement to be published one time only on or before September 24, 1994. The advertisement must be placed in the legal or public notice's section of the newspaper and must measure three (3) column widths by five (5) inches, with a bold black border.

From our phone conversation on May 31, 1994, I understand that the fee for this service is \$350.20. Please send an invoice, along with a notarized proof of publication to document that the advertisement ran as specified, to me at the following address:

Mr. Robert O. Bourg (Unit L-TLC-32C)
Louisiana Power & Light Co.
Post Office Box 61000
New Orleans, LA 70161

If you have any questions or if you need additional information, please call me at (504) 840-7123.

Very truly yours,

A handwritten signature in black ink, appearing to read "Robert O. Bourg".

Robert O. Bourg
Senior Technical Support Specialist

Attachment

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Office of Solid and Hazardous Waste

Solid Waste Division

Permit Section


Post Office Box 82178

Baton Rouge, LA 70884-2178

Entergy Louisiana, Inc.
Certificate

I, Christopher T. Screen, Assistant Secretary of Entergy Louisiana, Inc.,
(the "Company"), a Louisiana corporation, do hereby certify that, pursuant to resolutions
of the Board of Directors of the Company dated July 6, 1998, Plant Managers of the
Company are authorized to sign environmental permits on behalf of the Company and
that said resolutions of the Company are in full force and effect on the date hereof.

WITNESS my hand and the seal of said Company this 7th day APRIL of,
1999.


Assistant Secretary

Area Master Plan



SOURCE:
U.S. ARMY CORPS OF ENGINEERS
15 MINUTE SERIES QUADRANGLE MAP
HAHNVILLE, LOUISIANA: 1969
BONNET CARRE, LOUISIANA: 1989



EarthTech
A Tyco International Ltd. Company
3121 BUTTERFIELD ROAD, OAK BROOK, ILLINOIS 60023
PHONE: 800-574-2008 FAX: 800-574-2007

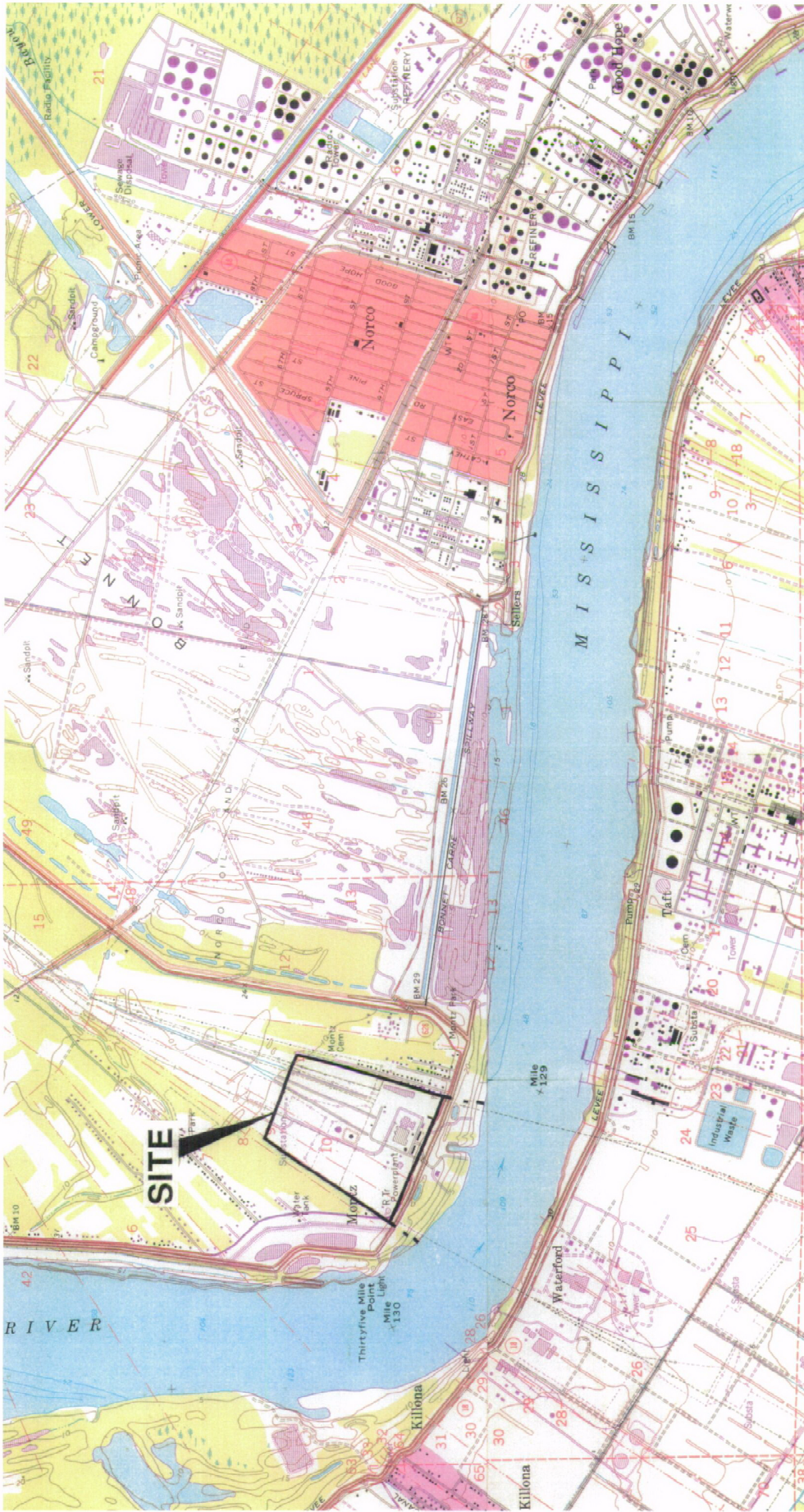
AREA MASTER PLAN

TITLE:	PROJECT:	EXHIBIT:
DATE:	PROJECT:	1
FEB. 2005	SOLID WASTE PERMIT APPLICATION	
PROJECT NO.:	LITTLE GYPSY ELECTRIC GENERATING PLANT	
82463	ENTERGY LOUISIANA, INC.	



A Tyco International Ltd. Company

Site Vicinity Map



SOURCE:
UNITED STATES GEOLOGICAL SURVEY (U.S.G.S.)
7.5 MINUTE SERIES QUADRANGLE MAP
HAHNVILLE, LOUISIANA: 1967
PHOTOREVISED: 1989
LAPLACE, LOUISIANA: 1967
PHOTOREVISED: 1989



EarthTech
A Tyco International Ltd. Company
3121 BUTTERFIELD ROAD, OAK BROOK, ILLINOIS 60453
PHONE: 630-574-2206 FAX: 630-574-2007

SITE VICINITY MAP

TITLE:	PROJECT:	EXHIBIT:
DATE: FEB. 2005	SOLID WASTE PERMIT APPLICATION	2
PROJECT NO. 82463	LITTLE GYPSY ELECTRIC GENERATING PLANT	
	ENERGY LOUISIANA, INC.	



A Tyco International Ltd. Company

Site Master Plan



A Tyco International Ltd. Company

Flood Plain Map

LEGEND

SPECIAL FLOOD HAZARD AREAS INUNDATED BY 100-YEAR FLOOD

- ZONE A**
No base flood elevations determined.
- ZONE AE**
Base flood elevations determined.
- ZONE AH**
Flood depths of 1 to 3 feet (usually areas of ponding); base flood elevations determined.
- ZONE AD**
Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- ZONE A99**
To be protected from 100-year flood by Federal flood protection system under construction; no base flood elevations determined.
- ZONE V**
Coastal flood with velocity hazard (wave action); no base flood elevations determined.
- ZONE VE**
Coastal flood with velocity hazard (wave action); base flood elevations determined.

FLOODWAY AREAS IN ZONE AE

OTHER FLOOD AREAS

- ZONE X**
Areas of 500-year flood, areas of 100-year flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 100-year flood.

OTHER AREAS

- ZONE X**
Areas determined to be outside 500-year floodplain.
- ZONE D**
Areas in which flood hazards are undetermined.

UNDEVELOPED COASTAL BARRIER

- Identified 1983
- Identified 1990
- Otherwise Protected Areas

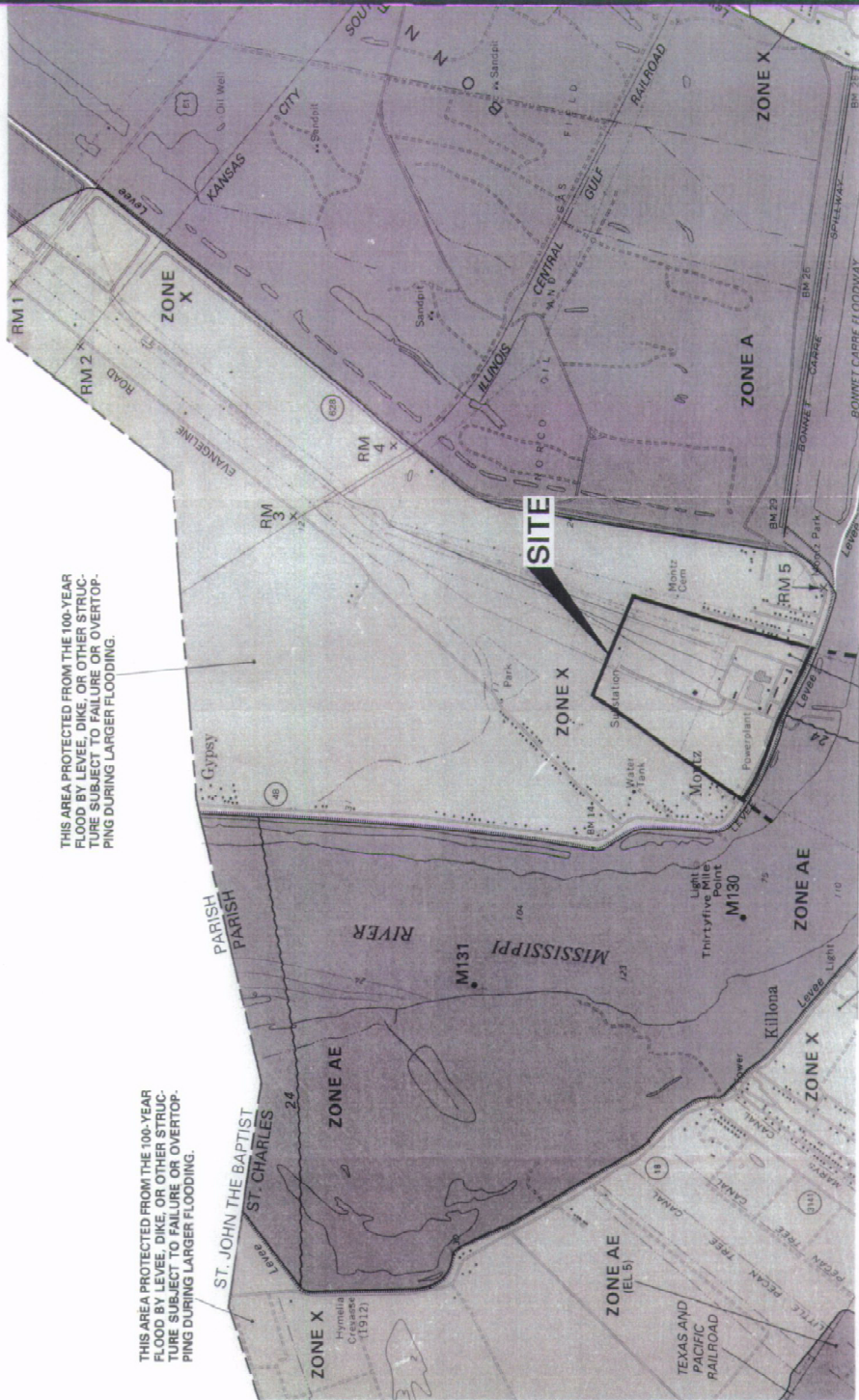
*Coastal barrier areas are normally located within or adjacent to special flood hazard areas.

- Floodplain Boundary
- Floodway Boundary
- Zone D Boundary

- Boundary Dividing Special Flood Hazard Zones, and Boundary Dividing Areas of Different Coastal Base Flood Elevations Within Special Flood Hazard Zones
- Base Flood Elevation Line: Elevation in feet*

- Cross Section Line
- Base Flood Elevation in feet: Where Uniform Within Zone*
- Elevation Reference Mark
- River Mile

*Referenced to the National Geodetic Vertical Datum of 1929



THIS AREA PROTECTED FROM THE 100-YEAR FLOOD BY LEVEE, DIKE, OR OTHER STRUCTURE SUBJECT TO FAILURE OR OVERTOPPING DURING LARGER FLOODING.

THIS AREA PROTECTED FROM THE 100-YEAR FLOOD BY LEVEE, DIKE, OR OTHER STRUCTURE SUBJECT TO FAILURE OR OVERTOPPING DURING LARGER FLOODING.

SITE

THIS AREA PROTECTED FROM THE 100-YEAR FLOOD BY LEVEE, DIKE, OR OTHER STRUCTURE SUBJECT TO FAILURE OR OVERTOPPING DURING LARGER FLOODING.



3121 BUTTERFIELD ROAD, OAK BROOK, ILLINOIS 60521
PHONE: 630-574-2006 FAX: 630-574-2007

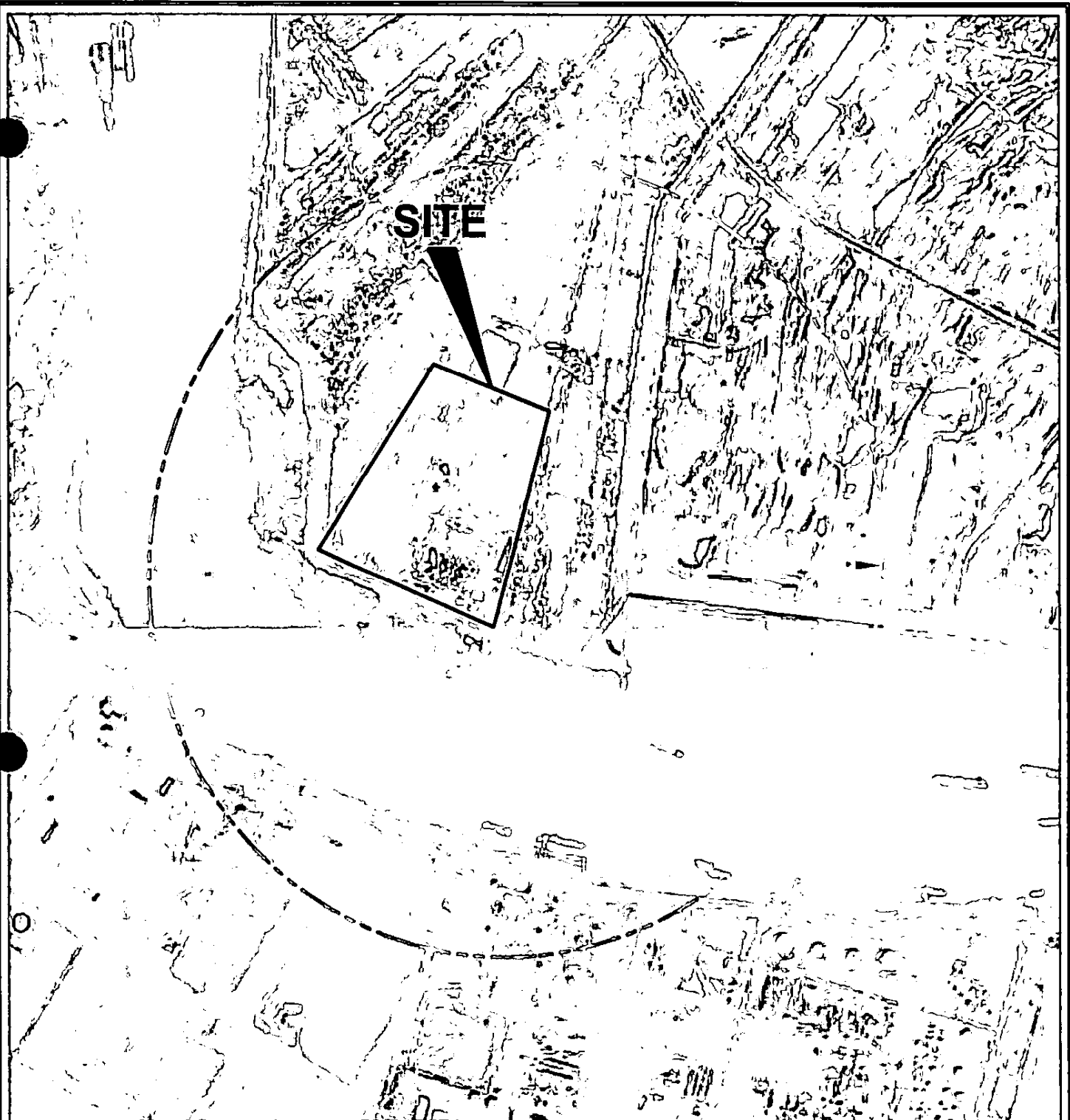
SOURCE:
FLOOD INSURANCE RATE MAP
ST. CHARLES PARISH, LOUISIANA
COMMUNITY-PANEL NO. 220160 0050 C (6/16/92)

L:\WORK\82463\CADD\DRAWINGS\82463_EX1.DWG

100-YEAR FLOOD PLAIN MAP

DATE: FEB. 2005	PROJECT: SOLID WASTE PERMIT APPLICATION	EXHIBIT: 4
PROJECT NO. 82463	LITTLE GYPSY ELECTRIC GENERATING PLANT	
	ENTERTY LOUISIANA, INC.	

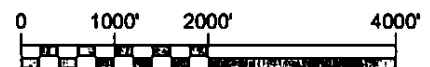
Aerial Photograph



LEGEND:

SOURCE:
GULF COAST AERIAL MAPPING CO., INC.
BATON ROUGE, LOUISIANA

----- 1 MILE RADIUS



APPROXIMATE SCALE: 1" = 2000'



EarthTech

A Tyco International Ltd. Company

3121 BUTTERFIELD ROAD, OAK BROOK, ILLINOIS 60523
PHONE: 630-574-2006 FAX: 630-574-2007

TITLE:

AERIAL PHOTO
FEBRUARY 4, 1998

DATE:

FEB. 2005

PROJECT:

SOILD WASTE PERMIT APPLICATION
LITTLE GYPSY ELECTRIC GENERATING PLANT
ENTERGY LOUISIANA, INC.

EXHIBIT:

5

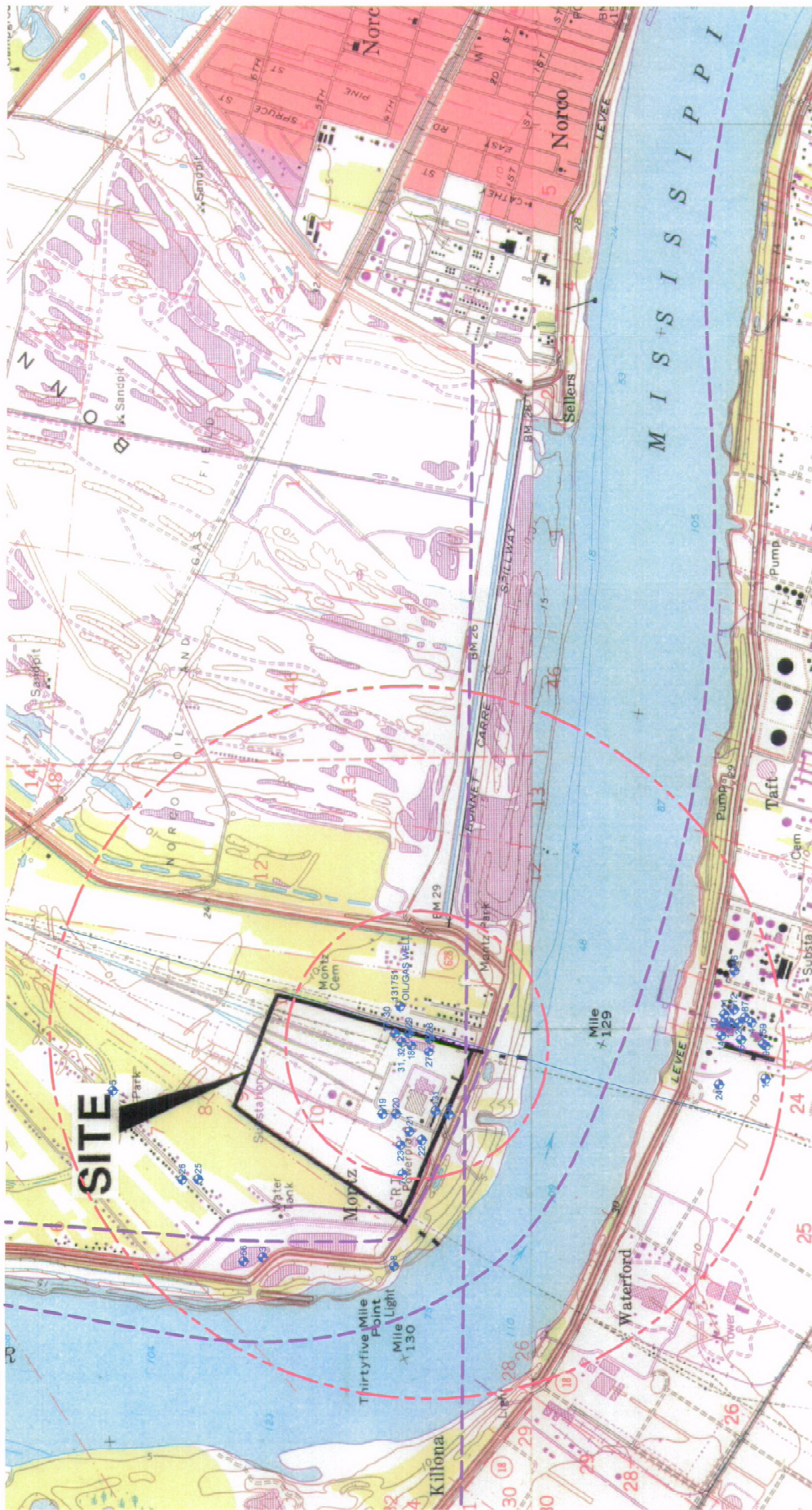
PROJECT NO:
82463

**Well Location Map
LDOTD List of Wells**

Registered Water Wells
Public Works & Water Resources Division
Water Resources Section

Wells located within 1 mile radius
of Latitude 30°00'18" and Longitude 90°27'32"

Map ID	Section	Owner Name	DOTD Well #	Owner Well #	Driller's Name	Well Depth (ft)	Well Use	Casing Size (in)	Drill Date	Water Level (ft)	W.L. Date Measured	Geologic Unit	Latitude	Longitude	Available Info	Distance in Miles
1	24	MCCLENDON, S J	-37		UNKNOWN	500	DESTROYED	2				112NORC	295926	902737	Q	1
2	23	MCCLENDON, S J	-38		DELAUNE H	278	DESTROYED	2				112GRMC	295930	902727		0.92
3	7	PERILLOUX, EMME	-56		DELAUNE H	252	PLUGGED	2	Sep-31			112GRMC	300042	902809	Q	0.77
4	23	HOOKER CHEMICAL	-87		BURLEIGH C C	400	STOCK	4	1951	33.25	10/17/1983	112NORC	295928	902727	Q W	0.96
5	7	U S CORPS ENGRS	-91	MS-23	U.S. ARMY (NOD)	102	PLUGGED		Dec-58			11200NWM	300105	902741	ED	0.91
6	11	LA POWER & LIGHT	-131		DELAUNE H	315	DESTROYED	2	Sep-31	12	9/14/1931	112NORC	300014	902744	Q W	0.21
7	10	LA POWER & LIGHT	-153	2	EUSTIS	125	PLUGGED		May-58			11200NWM	300021	902754	D	0.37
8	7	U S CORPS ENGRS	-154	130.0-56	U.S. ARMY (NOD)	142	PLUGGED		Apr-56			11200NWM	300022	902810	D	0.63
9	23	AGRICO CHEMICAL	-159		LAYNE (LA)	440	INDUSTRIAL	16X8X8	Aug-64	33	8/11/1964	112NORC	295926	902731	EDMQW	1
10	24	OCCIDENTAL CHEM	-5262Z	5-89C	LAYNE (LA)	39	MONITOR	2	Jun-89			111NORC	295933	902728	D	0.86
11	24	OCCIDENTAL CHEM	-5267Z	10-89C	LAYNE (LA)	38	MONITOR	2	Jun-89			111NORC	295932	902726	D	0.89
12	24	OCCIDENTAL CHEM	-5268Z	11-89C	LAYNE (LA)	35	MONITOR	2	Jun-89			111NORC	295931	902725	D	0.91
13	24	OCCIDENTAL CHEM	-5270Z	13-89C	LAYNE (LA)	36	MONITOR	2	Jun-89			111NORC	295931	902727	D	0.9
14	22	OCCIDENTAL CHEM	-5382Z	EW3-90	EUSTIS	35	RECOVERY	6	Nov-90	7.5	11/18/1990	111NORC	295933	902729	D W	0.86
15	23	OCCIDENTAL CHEM	-5800Z	9-81C	UNKNOWN	30	PLUGGED	2	1981			111NORC	295930	902730	D W	0.92
16	22	OCCIDENTAL CHEM	-5811Z	OW3-94D	EUSTIS	65	MONITOR	2	Oct-94	8.8	12/21/1994	111NORC	295931	902718	D W	0.93
17	11	ENTERGY	-5840Z	MMW-5	RUST ENVIRON-	22	PLUGGED	2	Mar-95	7.81	8/16/1994	111NORC	300022	902730	D W	0.08
18	11	ENTERGY	-5841Z	MMW-6	SAS	21	PLUGGED	2	Mar-95	7.8	8/16/1994	111NORC	300020	902732	D W	0.04
19	11	ENTERGY	-5910Z	PZ-1	SAS	20	MONITOR	2	Apr-96	4.92	4/18/1996	111NORC	300024	902744	D W	0.23
20	11	ENTERGY	-5911Z	PZ-2	SAS	18	MONITOR	2	Apr-96	6.37	4/18/1996	111NORC	300022	902744	D W	0.21
21	11	ENTERGY	-5912Z	PZ-3	SAS	20	MONITOR	2	Apr-96	2.54	4/18/1996	111NORC	300020	902747	D W	0.25
22	11	ENTERGY	-5913Z	PZ-4	SAS	20	MONITOR	2	Apr-96	3.83	4/19/1996	111NORC	300018	902748	D W	0.27
23	11	ENTERGY	-5914Z	PZ-5	SAS	20	MONITOR	2	Apr-96	1.38	4/19/1996	111NORC	300021	902749	D W	0.29
24	24	IMC/AGRICO	-6034Z	W-15	FUGRO (GS)	34	MONITOR	2	Aug-99	2	8/26/1999	111NORC	295933	902738	D W	0.87
25	7	PRIEST, ROBIN	-6047Z		AUGER & BORING	130	DOMESTIC	2	Jun-99	1	6/3/1999	112GRMC	300052	902756	D W	0.76
26	7	JACOB, JAMES C	-6048Z		AUGER & BORING	60	DOMESTIC	2	Jun-99	1	6/27/1999	112GRMC	300054	902756	D W	0.8
27	11	ENTERGY	-6102Z	MMW-1	SOIL TESTING	16	MONITOR	2	1-Jan	8.25	12/13/2000	111NORC	300017	902733	D W	0.03
28	11	ENTERGY	-6103Z	MMW-2	SOIL TESTING	22	MONITOR	2	1-Jan	17	12/13/2000	111NORC	300017	902731	D W	0.03
29	11	ENTERGY	-6104Z	MMW-3	SOIL TESTING	16	MONITOR	2	1-Jan	8.5	12/12/2000	111NORC	300020	902730	D W	0.05
30	11	ENTERGY	-6105Z	MMW-4	SOIL TESTING	16	MONITOR	2	1-Jan	12	12/13/2000	111NORC	300022	902730	D W	0.08
31	11	ENTERGY	-6106Z	TP-5	UNKNOWN	23	PLUGGED	2				111NORC	300021	902731		0.06
32	11	ENTERGY	-6107Z	TP-6	UNKNOWN	21	PLUGGED	2				111NORC	300021	902731		0.06



LEGEND:

- APPROXIMATE LOCATION OF SEISMIC LINE
- 2000' RADIUS
- 1 MILE RADIUS
- WATER WELL



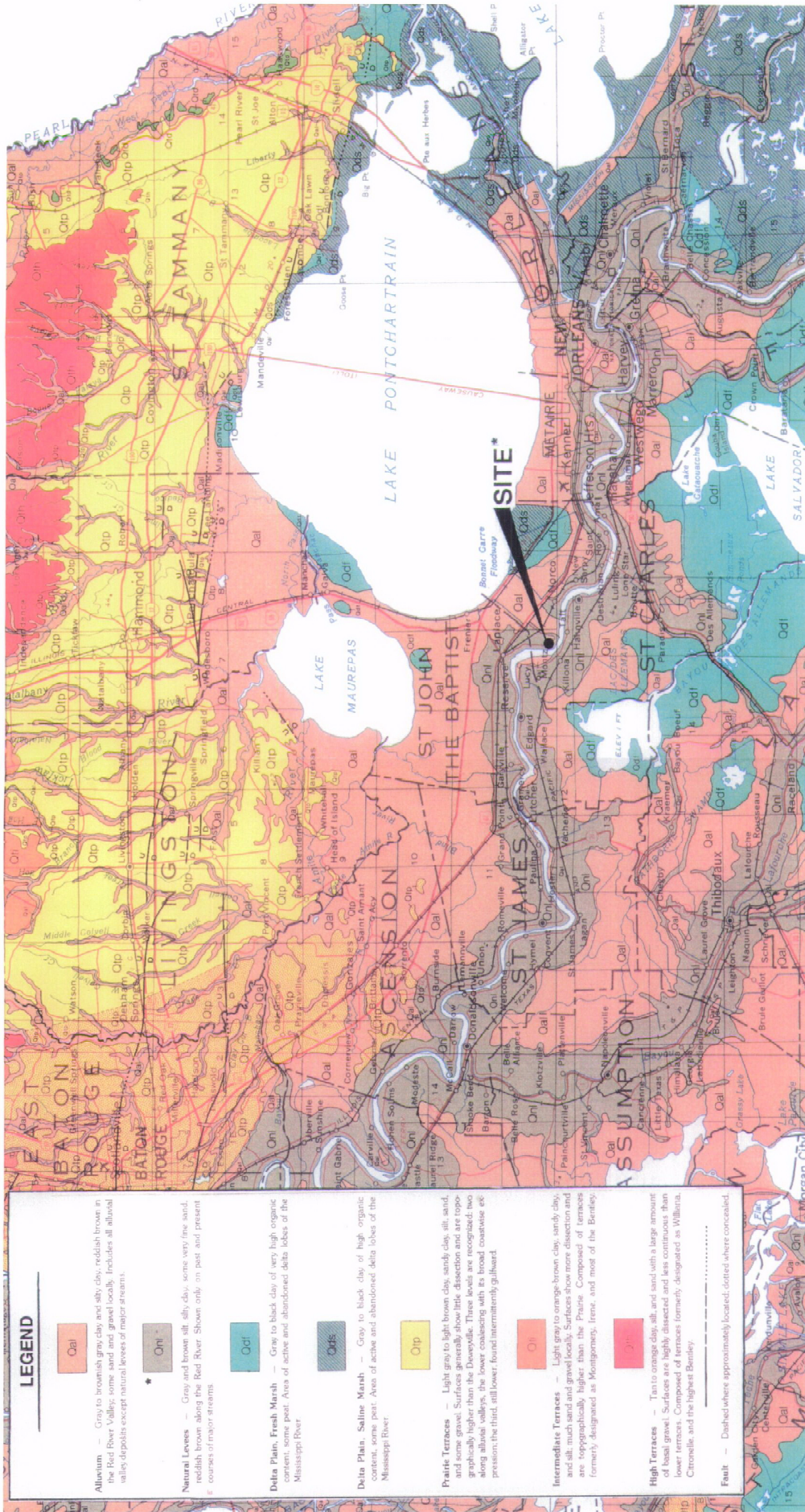
SOURCE:
UNITED STATES GEOLOGICAL SURVEY (U.S.G.S.)
7.5 MINUTE SERIES QUADRANGLE MAP
HANVILLE, LOUISIANA, 1967
PHOTOREVISED, 1989
LAPLACE, LOUISIANA, 1967
PHOTOREVISED, 1989

EarthTech
A Tyco International Ltd. Company
3121 BUTTERFIELD ROAD, OAK BROOK, ILLINOIS 60521
PHONE: 630-574-2008 FAX: 630-574-2007

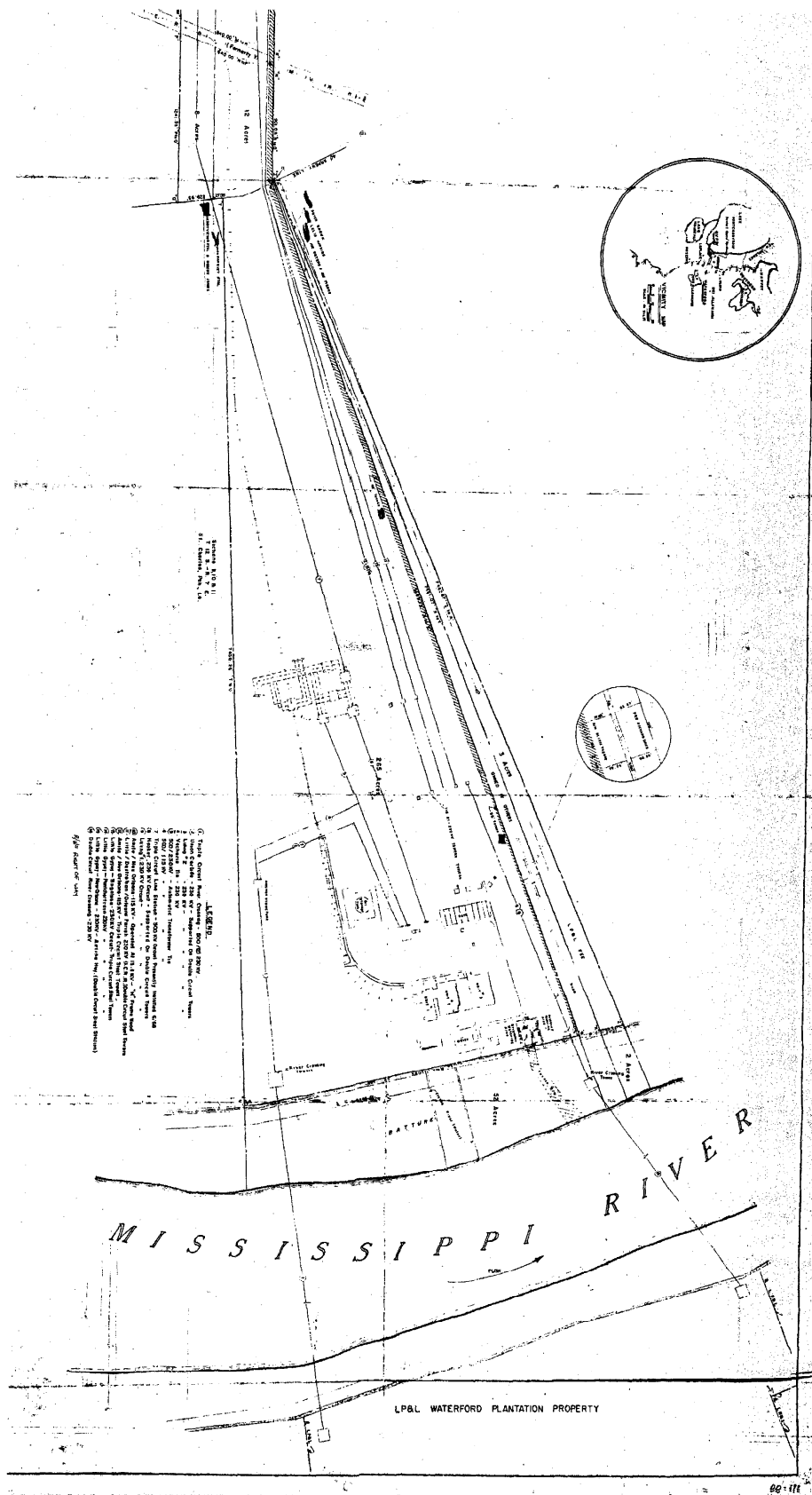
WELL LOCATION MAP

DATE:	FEB. 2005
PROJECT:	SOLID WASTE PERMIT APPLICATION LITTLE GYPSY ELECTRIC GENERATING PLANT ENERGY LOUISIANA, INC.
PROJECT NO.:	82483
DRAWN BY:	6

Fault Location Map



Plot Plan



Flow Diagram of Waste Process



GENERAL FLOW DIAGRAM OF WASTE PROCESS

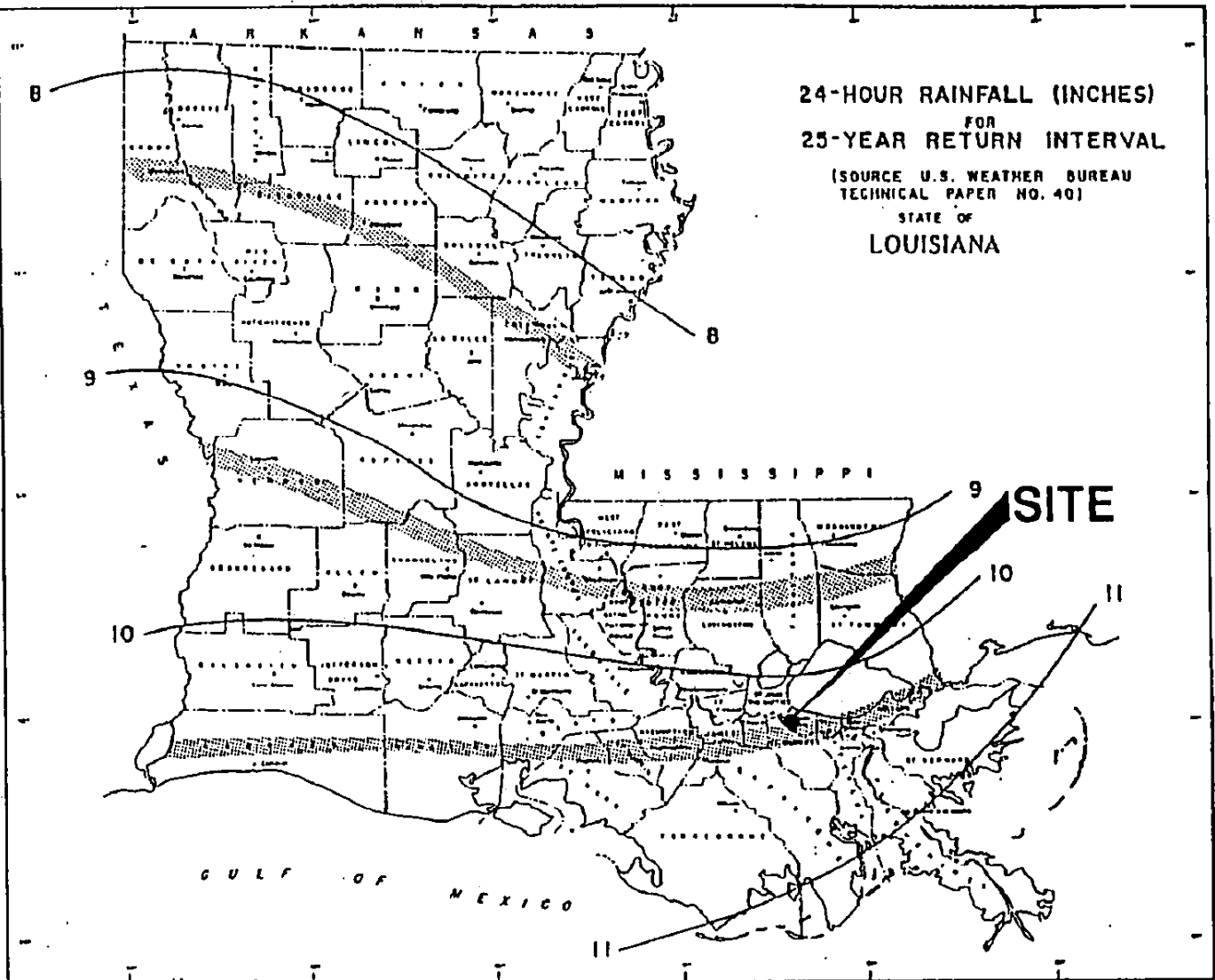
SOURCE:
BROWN & ROOT, INC.
ENGINEERS AND CONTRACTORS
BLOCK FLOW DIAGRAM OILY WASTE
SYSTEM DRAWING: F-1501-A

L:\WORK\82463\CADD\DRAWINGS\82463 EX9.DWG

DATE: FEB. 2005	PROJECT: SOLID WASTE PERMIT APPLICATION LITTLE GYPSY ELECTRIC GENERATING PLANT ENTERGY LOUISIANA, INC.	EXHIBIT: 9
PROJECT NO.:		

Technical Paper No. 40
Rainfall Frequency Atlas

24-HOUR RAINFALL (INCHES)
FOR
25-YEAR RETURN INTERVAL
(SOURCE U.S. WEATHER BUREAU
TECHNICAL PAPER NO. 40)
STATE OF
LOUISIANA



A Tyco International Ltd. Company

3121 BUTTERFIELD ROAD, OAK BROOK, ILLINOIS 60523
PHONE: 630-574-2006 FAX: 630-574-2007

TITLE:

TECHNICAL PAPER #40
RAINFALL FREQUENCY ATLAS

DATE:

FEB. 2005

PROJECT:

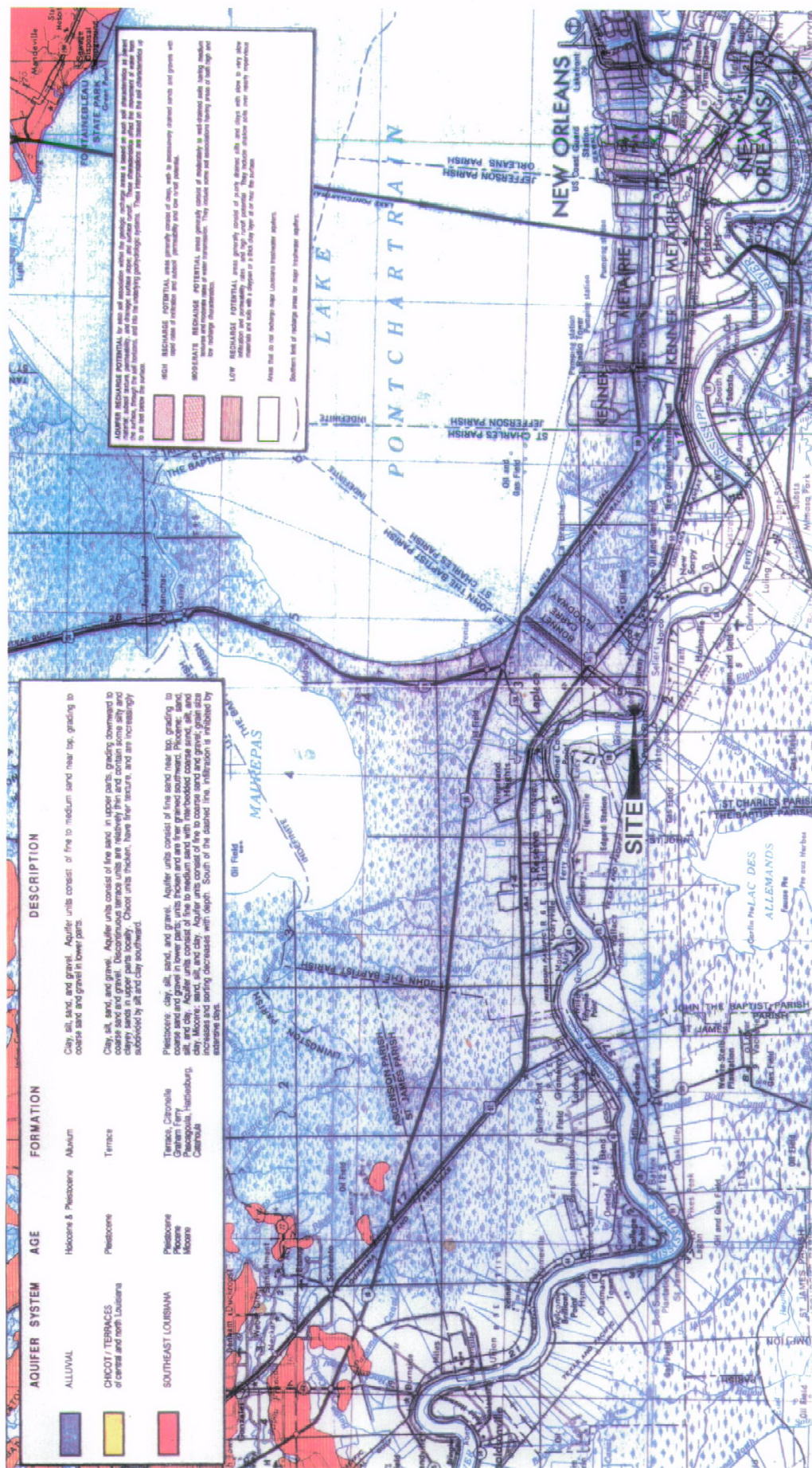
SOILD WASTE PERMIT APPLICATION
LITTLE GYPSY ELECTRIC GENERATING PLANT
ENTERGY LOUISIANA, INC.

EXHIBIT:

10

PROJECT NO.:
82463

Aquifer Recharge Map



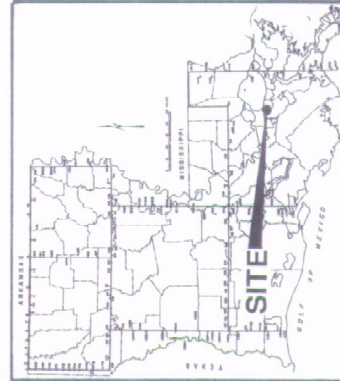
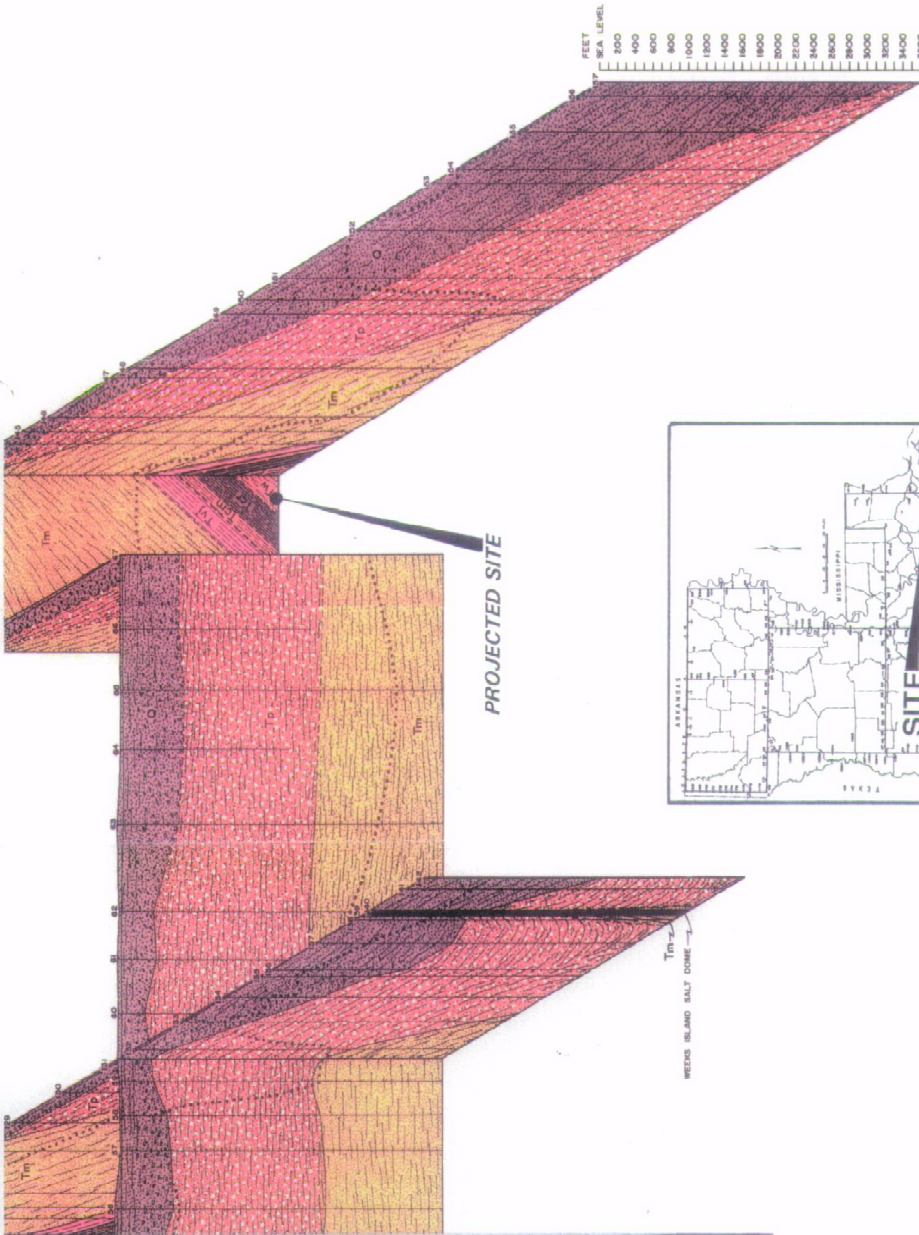
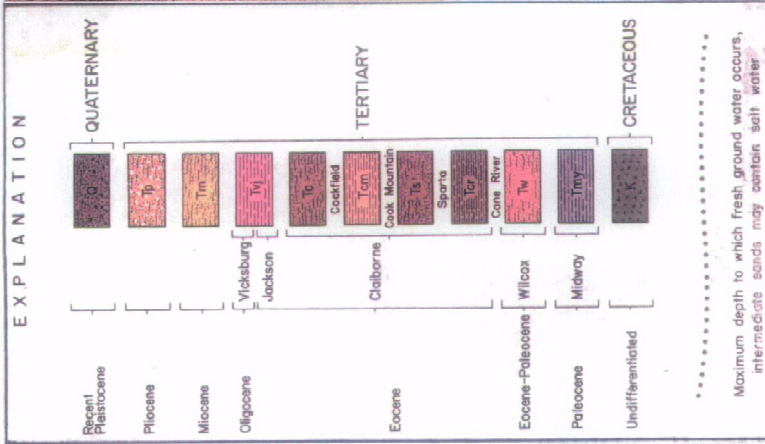
SOURCE:
MAPS 13 AND 16 OF THE
AQUIFER RECHARGE ATLAS: 1988

L:\WORK\82463\CADD\DRAWINGS\82463_EX11.DWG

AQUIFER RECHARGE POTENTIAL MAP

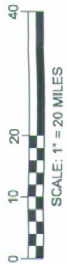
DATE:	FEB. 2005
PROJECT NO.:	82463
PROJECT:	SOLID WASTE PERMIT APPLICATION LITTLE GYPSY ELECTRIC GENERATING PLANT ENERGY LOUISIANA, INC.
EXHIBIT:	11

Geologic Cross-Section



GEOLOGIC CROSS-SECTION

TITLE:
DATE: FEB. 2005
PROJECT NO. 82463
PROJECT: SOLID WASTE PERMIT APPLICATION
LITTLE GYPSY ELECTRIC GENERATING PLANT
ENERGY LOUISIANA, INC.

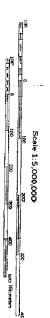


SOURCE:
PLATE 2 LOUISIANA WATER RESOURCES
BULLETIN NO. 1, FENCE DIAGRAM SHOWING
SUBSURFACE GEOLOGY OF LOUISIANA

USGS Miscellaneous Field Studies Map

BASE FROM U.S. GEOLOGICAL SURVEY, 1:75,000 000, 1924
BATHYMETRIC CONTOURS FROM GEOLOGIC MAP
OF THE UNITED STATES, 1974

COMPILED BY

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ALASKA, HIWAILUENITO RICO, AND
ACCOMPANYING TEXT ARE ON SHEET

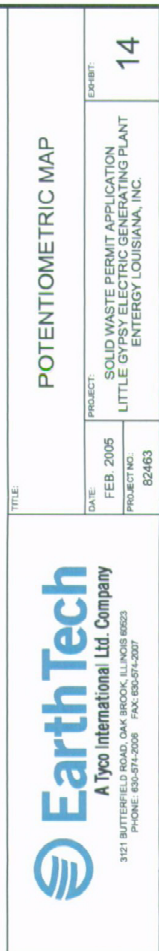


EarthTech
A Tyco International Ltd. Company

EARTHTECH-OAK BROOK 3121 BUTTERFIELD RD. 630-574-2006		
DRN	KPJ	2/10/05
DES		
CHK		
APP		
Copyright© Earth Tech, All Rights Reserved		

[illegible]

Potentiometric Map



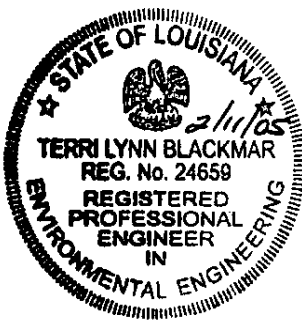
..\\WORK\\82463\\CADD\\DRAWINGS\\82463_EX14.DWG

Published Cross-Section of Aquifers

Certification

ENGINEERING CERTIFICATION

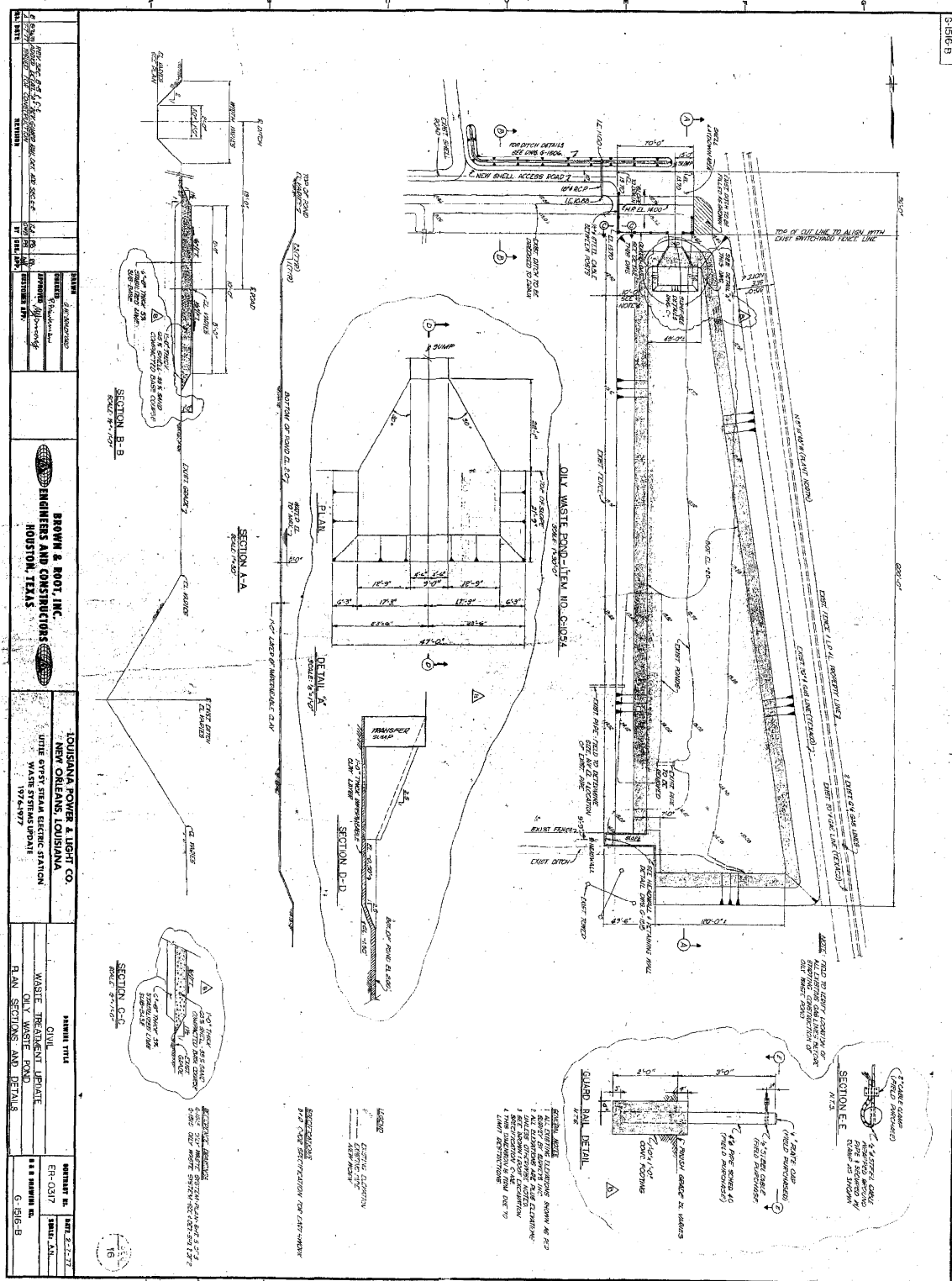
I certify under penalty of law that I have personally examined and I am familiar with the information submitted in this permit application and the facility as described in this permit application meets the requirements of the Solid Waste Rules and Regulations. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fine and imprisonment.



A handwritten signature in cursive script, reading "Terri L. Blackmar", written over a horizontal line.

Terri L. Blackmar, PE, PRG
Professional Engineer # 24659
Earth Tech, Inc.

**Plan, Sections, and Details
(Drawing No. G-1516-B)**



Analytical Summary for Sludge Samples

TABLE 1
ANALYTICAL SUMMARY FOR SLUDGE SAMPLES
LOUISIAN POWER & LIGHT LITTLE GYPSY PLANT

PARAMETER	REGULATORY LIMITS	UNITS	ANAL. RESULTS
			OILY WASTE
Characterization Parameters			
pH (of TCLP extract)		Units	7.4
Flashpoint		°F	>212
Paint Filter Test		ml/100ml	4
Reactivity Cyanide		mg/kg CN	<0.1
Reactivity Sulfide		mg/kg S	16.9
Priority Pollutants - PCB's			
Aroclor-1242		mg/kg	<0.04
Aroclor-1254		mg/kg	<0.04
Aroclor-1221		mg/kg	<0.04
Aroclor-1232		mg/kg	<0.04
Aroclor-1248		mg/kg	<0.04
Aroclor-1260		mg/kg	<0.04
Aroclor-1016		mg/kg	<0.04
Aroclor-1262		mg/kg	<0.04
Aroclor-1268		mg/kg	<0.04
TCLP ANALYSES			
Acid (Phenol) Compounds			
o-Cresol	200	mg/L	<0.05
m & p-Cresol	200	mg/L	<0.05
Cresol	200	mg/L	<0.05
Pentachlorophenol	100	mg/L	<0.05
2,4,5-Trichlorophenol	400	mg/L	<0.05
2,4,6-Trichlorophenol	2	mg/L	<0.05
Base-Neutral Compounds			
1,4-Dichlorobenzene	7.5	mg/L	<0.05
2,4-Dinitrotoluene	0.13	mg/L	<0.05
Hexachlorobenzene	0.13	mg/L	<0.05
Hexachloro-1,3-butadiene	0.5	mg/L	<0.05
Hexachloroethane	3	mg/L	<0.05
Nitrobenzene	2	mg/L	<0.05
Pyridine	5	mg/L	<0.05
Metals			
Arsenic	5	mg/L As	<0.2
Barium	100	mg/L Ba	0.65
Cadmium	1	mg/L Cd	<0.01
Chromium	5	mg/L Cr	<0.05
Lead	5	mg/L Pb	<0.1
Mercury	0.2	mg/L Hg	<0.0002
Silver	5	mg/L Ag	<0.01
Selenium	1	mg/L Se	<0.2
Volatile Compounds			
Benzene	0.5	mg/L	<0.05
Carbon tetrachloride	0.5	mg/L	<0.05
Chlorobenzene	100	mg/L	<0.05
Chloroform	6	mg/L	<0.05
1,2-Dichloroethane	0.5	mg/L	<0.05
1,1-Dichloroethylene	0.7	mg/L	<0.05
Methyl ethyl ketone	200	mg/L	<0.25
Tetrachloroethylene	0.7	mg/L	<0.05
Trichloroethylene	0.5	mg/L	<0.05
Vinyl chloride	0.2	mg/L	<0.05

Letters from Agencies



Entergy Services, Inc.
639 Loyola Avenue
P.O. Box 81000, L-ENT-SE
New Orleans, LA 70161-1000
Tel 504 576 6467

LA Environmental Support

September 29, 2004

Certified Mail No. 7002 2030 0001 5279 4026
Return Receipt Requested

Ms. Beth Scardina, Environmental Scientist Manager
Louisiana Department of Environmental Quality
Office of Environmental Services
Solid and Hazardous Waste Permits Division
P. O. Box 4313
Baton Rouge, LA 70821-4313

Subject: Request for Extension to submit 6 final copies of Solid Waste Permit Application

Reference: Request for Final Copies
Little Gypsy Plant/Oily Waste Pond
OU-0194/AI#687/PER 19990004
St. Charles Parish

Dear Ms. Scardina:

In accordance with LAC 33: I.1505.E, Entergy Louisiana, Inc. Little Gypsy Plant requests an extension of 120 days to submit the final copies of the referenced Permit Application. It has been approximately 10 years since the original permit application was submitted. Since that time we have been through two rounds of NODs. The additional time is required to insure that all the information is incorporated into a final document.

The original due date for the final copies was October 21, 2004; therefore the new due date will be February 17, 2005.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Bourg", written over a horizontal line.

Robert O. Bourg
Senior Technical Support Specialist
Louisiana Environmental Support

cc: Mr. Hamilton Shaw
Ms. Janaye Tate



State of Louisiana
Department of Environmental Quality



KATHLEEN BABINEAUX BLANCO
GOVERNOR

SEP 21 2004

MIKE D. McDANIEL, Ph.D.
SECRETARY

CERTIFIED MAIL 7003 2260 0001 2756 0135
RETURN RECEIPT REQUESTED

Mr. Joe Messina
Entergy Louisiana, Incorporated
17420 River Road
La Place, LA 70068

RE: Request for Final Copies
Little Gypsy Plant/Oily Waste Pond
OU-0194/AI#687/PER 19990004
St. Charles Parish

Dear Mr. Messina:

The Permits Division has conducted a review of the Permit Application for the above referenced facility.

Please submit to the Permits Division, six (6) bound copies of the complete application using the original submitted application and therein incorporating all previously accepted revisions in appropriate sections. Upon receipt of these copies, a final review will be conducted in order to ensure that the document is acceptable for public review. Your updated application document shall be sent to this office within thirty (30) days of receipt of this letter. If upon this review, the document is determined to be technically complete, you will be notified of this decision and the public review period will be scheduled.

Please reference your Agency Interest Number (AI #687) and PER 19990004 on all correspondence pertaining to this application. If you have any questions concerning this matter, please contact Ms. Janaye Tate of the Permits Division at (225) 219-3062.

Sincerely,

Beth Scardina
Environmental Scientist Manager
Solid and Hazardous Waste Permits Section

jdt

C: Mr. Hamilton Shaw-ETD



Norco Area Volunteer Fire Department
P.O. Box 321
Norco, La. 70079

August 26, 2003

Mr. Robert Bourg
Entergy Services, Inc.
New Orleans, La.

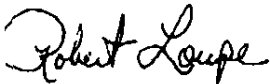
Dear Mr. Bourg,

After reading over the Emergency Response – Letter of Certification that you faxed to me, I feel uncomfortable in signing this document that states that the Norco Area Vol. Fire Department has a Hazardous Materials Unit/Team that has the ability to meet the response requirements of Sections 472 and 473 of the Life Safety Code of the NFPA. The Norco Area Volunteer Fire Department does not have a Hazardous Materials Unit/Team.

This fire department does not have the equipment nor the training to handle mitigation of a Hazardous Materials incident. Most members are trained to the Hazardous Materials Awareness Level only. We will respond to any call for assistance at a hazmat incident at the Little Gypsy Plant and perform to the level of our training such as, notification of La. State Police Hazmat, calling for medical assistance, etc.

If you have any questions please feel free to contact me at 985-764-7437(Home) or 504-559-0803 (Cell).

Sincerely,



Robert Loupe
Fire Chief
Norco Area Volunteer Fire Department



Entergy Services, Inc.
639 Loyola Avenue
P. O. Box 61000, L-ENT-5E
New Orleans, LA 70161-1000
Tel 504 576 6467

LA Environmental Support

VIA HAND DELIVERY

August 26, 2003

Mr. Michael D. Vince, M.P.A.
Office of Environmental Services
Louisiana Department of Environmental Quality
P.O. Box 4313
Baton Rouge, LA 70821-4313

RECEIVED

AUG 26 2003

Subject: **Agency Interest No. 687**
Response to Second Notice of Deficiencies
Solid Waste Permit Application (PA #472)
Oily Waste Pond (OU-0194)
Little Gypsy Electric Generating Plant
St. Charles Parish, LA

DEPT. OF ENVIRONMENTAL QUALITY
OFFICE OF ENVIRONMENTAL SERVICES
PERMIT DIVISION

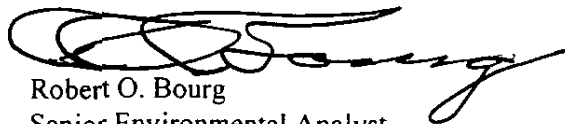
Dear Mr. Vince:

Entergy Louisiana, Inc. (Entergy) is pleased to submit herein a Response to the second Notice of Deficiencies (NOD) for the Oily Waste Pond located at the Little Gypsy Electric Generating Plant in Montz, Louisiana. The NOD addressed herein was transmitted by the Louisiana Department of Environmental Quality (LDEQ) Office of Environmental Services on April 23, 2003, following their review of the first Response to NOD, dated October 8, 1999.

The deficiencies required additional facility documentation and the addition of text to address standards, or references to standards, that were previously omitted from the Permit Application and first Response to NOD. The NOD has been addressed using a comment/response format with documentation and replacement text provided in the exhibits.

Thank you for your time and attention to this matter. If you have any questions or comments, please contact the undersigned at (504) 576-7123.

Sincerely,



Robert O. Bourg
Senior Environmental Analyst

Enclosure

cc: Mr. Hamilton Shaw (w/o enclosure)
Mr. Dennis Duszynski (w/o enclosure)

bcc: Bruce Bryan (w/o enclosure)
Joe Messina



Entergy Services, Inc.
639 Loyola Avenue
P.O. Box 61000, L-ENT-SE
New Orleans, LA 70161-1000
Tel 504 576 6487

LA Environmental Support

August 1, 2005

VIA FACSIMILE

Mr. Johnny Leveron
Safety Director
River Parishes Hospital
500 Rue deSante
LaPlace, LA 70068

Subject: Emergency Response - Letter of Certification

Reference: Entergy Louisiana, Inc.
Little Gypsy Plant
17420 River Road
LaPlace, LA 70068

Dear Mr. Leveron:

Entergy's Little Gypsy Plant is in the process of renewing its solid waste permit to operate a surface impoundment located within the plant. Revisions to the Louisiana Solid Waste Regulations now require that applicants obtain certification from the local hospital as to whether or not they are able to treat patients who are contaminated with hazardous materials and can respond to a hazardous material incident at the referenced facility.

If you have the ability to treat patients who are contaminated with hazardous materials (sulfuric acid, anhydrous ammonia, sodium hydroxide, diesel oil) and can respond to a hazardous material incident, please indicate so by signing in the space provided below the following statement and fax it back to me:

This is to certify that the River Parishes Hospital has the ability to treat patients who are contaminated with hazardous materials from the referenced facility.

X 
Signature of River Parishes Hospital

X 8/09/05
Date

If you need additional information, I can be reached at (504) 576-5803 and my FAX number is (504) 576-6936.

Your quick response to this request would be greatly appreciated.

Yours truly,



Richard C. Lebranche
Environmental Analyst III
Louisiana Environmental Support



St. Charles Parish Sheriff's Office

Executive Office

Post Office Box 426 • Hahnville, Louisiana 70057-0426

Voice (985) 783-6237 • Fax (985) 783-1008

Greg Champagne
Sheriff

F A C S I M I L E

FACSIMILE COVER SHEET

DATE: August 25, 2003

TO: Robert Bourg - Entergy

FROM: Chief Cardella

FAX #: 504-576-6936 NUMBER OF PAGES: 3 (including cover sheet)

MESSAGE

I am sorry that I did not reach you by phone today. I understand that you need this letter signed as soon as possible. You addressed it to me but reference Major Sam Zinna in the salutation; however, Section 473 of the Life Safety Code has to do with EMS responders not law enforcement personnel. I can only assume that you may have meant 472 but I need more information from you before I can determine or not we can execute a corrected document. Please contact me at your convenience.

CONFIDENTIALITY NOTICE

This entire facsimile transmission may contain confidential information belonging to the sender which is protected by the work privilege. The information is intended only for the use of the individual or entity named above. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution, or the taking of any action in reliance on the contents of this information is strictly prohibited. If you have received this transmission in error, please immediately notify us by telephone (504) 783-0204 to arrange for return of the documents.

If this transmission has been received in error, you are hereby requested to notify the person or firm transmitting same as soon as possible.



Entergy Services, Inc.
639 . GYPSY AVENUE
P.O. Box 61000 - ENT 86
New Orleans, LA 70161-0000
Tel: 504 576 6467

LA Environmental Support

August 25, 2003

VIA FACSIMILE

Chief Joseph Cordilla
St. Charles Parish Sheriff's Office
P. O. Box 426
Hahnville, LA 70057

Subject: Emergency Response - Letter of Certification

Reference: Entergy Louisiana, Inc.
Little Gypsy Plant
17420 River Road
LaPlace, LA 70068

Dear Captain Zinn:

Entergy's Little Gypsy Plant is in the process of renewing its solid waste permit to operate a surface impoundment located within the plant. Revisions to the Louisiana Solid Waste Regulations now require that applicants obtain certification from the local emergency medical services agency as to whether or not that agency has the ability to meet the response requirements of Section 473 of the Life Safety Code of the National Fire Protection Association, and can respond to a hazardous material incident at the referenced facility.

If you have the ability to respond to the requirements of Section 473, please indicate so by signing in the space provided below the following statement and fax it back to me:

This is to certify that the St. Charles Parish Sheriff's Office has the ability to meet the response requirements of Section 473 of the Life Safety Code of the National Fire Protection Association, and can respond to a hazardous material incident at the Entergy - Little Gypsy Plant.

X _____
Signature of St. Charles Parish Sheriff's Office

X _____
Date

If you need additional information, I can be reached at (504) 576-7123, and my FAX Number is (504) 576-6936.

Your quick response to this request would be greatly appreciated.

Yours truly,

A handwritten signature in black ink, appearing to read "Robert Bourg".

Robert Bourg
Senior Environmental Analyst
Louisiana Environmental Support



State of Louisiana

KATHLEEN BABINEAUX BLANCO
LIEUTENANT GOVERNOR

OFFICE OF THE LIEUTENANT GOVERNOR
DEPARTMENT OF CULTURE, RECREATION & TOURISM
OFFICE OF STATE PARKS

PHILLIP J. JONES
SECRETARY

DWIGHT LANDRENEAU
ASSISTANT SECRETARY

August 20, 2003

Mr. Dru Trahan
Earth Tech
10311 Jefferson Highway, Suite B2
Baton Rouge, LA 70809

Re: Little Gypsy Oily Waste Pond
LDEQ Permit Application OU-9194
LDEQ Agency Interest No. 687
St. Charles Parish

Dear Mr. Trahan:

I have spoken to the National Park Service, Federal Lands to Parks' administrator and confirmed that they would still stand by their letter of no impact. Our staff has also reviewed the material that you furnished regarding the nature of the material being impounded. We conclude that the materials to be impounded will have no significant impact on either Montz Playground or the Bonne Carre Spillway operated by the U. S. Army Corps of Engineers.

If you need further information from this office, please give us a call. Thank you for the opportunity to review and comment on this permit.

Sincerely,

A handwritten signature in cursive script, appearing to read "Elinor Craven".

Elinor Craven
Director of Outreach and Outdoor Recreation

EMC:jc

**DESCRIPTION OF WASTE PROCESSING
OILY WASTE POND
LITTLE GYPSY ELECTRIC GENERATING PLANT
ST. CHARLES PARISH, LOUISIANA**

The Oily Waste Pond is designed to remove oil or oil-contaminated particles from wastewater prior to discharging effluent from the site in compliance with the Plant's NPDES Permit. Prior to 1997, the Oily Waste Pond received wastewater from Units 1 and 2 Sand Filter Backwash, Unit 2 Powdex Unit, Units 1 and 2 Clarifier Blowdown, and Units 1, 2, and 3 Area Drains and Oily Waste Drains, and Unit 1 Solka Floc Filters. Since 1997, the Oily Waste Pond has only received stormwater from River Road and from the Little Gypsy Plant parking areas.

The Oily Waste Pond serves as an API-type gravity Separator. At periodic intervals, the lighter suspended oils that rise to the Pond's surface are removed for off-site disposal. The water which contains emulsified and/or heavy oils is pumped into the Oil Separator. The Oil Separator separates the oils by re-circulation and air injection. Treated effluent from the Oil Separator flows through a turbine flow meter to the permitted NPDES Outfall 003, and then to the East Ditch. The East Ditch conveys the treated effluent off-site and it eventually discharges to Lake Pontchartrain. The oils separated in the Oil Separator are skimmed from the surface and pumped to a Slop Oil Tank for disposal. Sludge which accumulates in the bottom of the Separator is pumped to the Oily Waste Pond for later disposal.

The constituents in the wastewater and sludge described above include oil and grease and suspended solids. Hazardous waste characterization analyses were performed on a composite sludge sample obtained from the Oily Waste Pond, which included toxicity analysis using TCLP testing methodologies for volatiles (method 8240), semi-volatiles (method 8270), metals (methods 6010 and 7470), PCBs (method 8080), reactivity (method 9010/9030), ignitability (method 1010), and the free liquids (or paint filter) test (method 9095). The results of these analyses are summarized as Table 1 (attached). As is evident from the analytical data, barium was the only constituent detected in the sludge sample. Barium was detected at 0.65 mg/l, which is far below the regulatory limit of 100 mg/l barium for hazardous characterization.

TABLE 1
ANALYTICAL SUMMARY FOR SLUDGE SAMPLES
LOUISIAN POWER & LIGHT LITTLE GYPSY PLANT

PARAMETER	REGULATORY LIMITS	UNITS	ANAL. RESULTS
Characterization Parameters			OILY WASTE
pH (of TCLP extract)		Units	7.4
Flashpoint		°F	>212
Paint Filter Test		ml/100ml	4
Reactivity Cyanide		mg/kg CN	<0.1
Reactivity Sulfide		mg/kg S	16.9
Priority Pollutants - PCB's			
Aroclor-1242		mg/kg	<0.04
Aroclor-1254		mg/kg	<0.04
Aroclor-1221		mg/kg	<0.04
Aroclor-1232		mg/kg	<0.04
Aroclor-1248		mg/kg	<0.04
Aroclor-1260		mg/kg	<0.04
Aroclor-1016		mg/kg	<0.04
Aroclor-1262		mg/kg	<0.04
Aroclor-1268		mg/kg	<0.04
TCLP ANALYSES			
Acid (Phenol) Compounds			
o-Cresol	200	mg/L	<0.05
m & p-Cresol	200	mg/L	<0.05
Cresol	200	mg/L	<0.05
Pentachlorophenol	100	mg/L	<0.05
2,4,5-Trichlorophenol	400	mg/L	<0.05
2,4,6-Trichlorophenol	2	mg/L	<0.05
Base-Neutral Compounds			
1,4-Dichlorobenzene	7.5	mg/L	<0.05
2,4-Dinitrotoluene	0.13	mg/L	<0.05
Hexachlorobenzene	0.13	mg/L	<0.05
Hexachloro-1,3-butadiene	0.5	mg/L	<0.05
Hexachloroethane	3	mg/L	<0.05
Nitrobenzene	2	mg/L	<0.05
Pyridine	5	mg/L	<0.05
Metals			
Arsenic	5	mg/L As	<0.2
Barium	100	mg/L Ba	0.65
Cadmium	1	mg/L Cd	<0.01
Chromium	5	mg/L Cr	<0.05
Lead	5	mg/L Pb	<0.1
Mercury	0.2	mg/L Hg	<0.0002
Silver	5	mg/L Ag	<0.01
Selenium	1	mg/L Se	<0.2
Volatile Compounds			
Benzene	0.5	mg/L	<0.05
Carbon tetrachloride	0.5	mg/L	<0.05
Chlorobenzene	100	mg/L	<0.05
Chloroform	6	mg/L	<0.05
1,2-Dichloroethane	0.5	mg/L	<0.05
1,1-Dichloroethylene	0.7	mg/L	<0.05
Methyl ethyl ketone	200	mg/L	<0.25
Tetrachloroethylene	0.7	mg/L	<0.05
Trichloroethylene	0.5	mg/L	<0.05
Vinyl chloride	0.2	mg/L	<0.05



State of Louisiana

Department of Environmental Quality



M. J. "MIKE" FOSTER, JR.
GOVERNOR

JUL 31 2003

AUG - 6 AUG

L. HALL BOHLINGER
SECRETARY

Mr. Robert O. Bourg
Entergy Services, Inc.
639 Loyola Avenue
P.O. Box 61000, L-ENT-5E
New Orleans, LA 70161-1000

RE: Extension to Respond to Second Notice of Deficiencies
Little Gypsy Plant/Oily Waste Pond
AI# 687/OU-0194
PER19990004
St. Charles Parish

Dear Mr. Bourg:

The Permits Division is in receipt of your letter dated July 21, 2003, requesting an extension to provide a response to our Notice of Deficiency letter dated April 24, 2003. Based on the information provided in the letter, an extension of thirty (30) days from the date of this letter is hereby granted.

Please reference your Agency Interest Number (687), Permit Number (OU-0194), and Activity Number (PER19990004) on any future correspondence pertaining to this application. If you have any questions concerning this matter, contact Ms. Janaye Tate of the Permits Division at (225) 219-3062.

Sincerely,

Beth Scardina
Environmental Scientist Manager
Solid and Hazardous Waste Permits

jdt





Entergy Services, Inc.
639 Loyola Avenue
P.O. Box 61000, L-ENT-5E
New Orleans, LA 70161-1000
Tel 504 576 6467

LA Environmental Support

July 21, 2003

Certified Mail No. 7001 2510 0002 3183 3341
Return Receipt Requested

Mr. Michael D. Vince, Administrator
Louisiana Department of Environmental Quality
Office of Environmental Services
Permits Division
P. O. Box 4313
Baton Rouge, LA 70821-4313

ST 8/25/03
11/21/03 ✓

Subject: Request for Extension to submit responses to NODs

Reference: Second Notice of Deficiencies
Little Gypsy Plant
Oily Waste Pond (OU-0194)
Agency Interest No. 687
St. Charles Parish

Dear Mr. Vince:

In accordance with LAC 33: I.1505.E, Entergy Louisiana, Inc. Little Gypsy Plant requests an extension of 30 days to submit the responses to the referenced document. Some of the responses require correspondence from the Department of Recreation, Culture and Tourism, which Entergy has not yet received. Additional time is also required to secure a clear copy of the proof of ownership document for the final copy of the Permit Application and to prepare adequate responses to other Technical Review items in the NOD.

The original due date for the responses to the referenced NODs was July 27, 2003; therefore the new due date will be August 26, 2003.

Sincerely,

Robert O. Bourg
Senior Technical Support Specialist
Louisiana Environmental Support

cc: Mr. Hamilton Shaw
Mr. Dennis Duszynski/LDEQ, Southeast Regional Office
Mr. Dru Trahan - Earth Tech



State of Louisiana

Department of Environmental Quality



M. J. "MIKE" FOSTER, JR.
GOVERNOR

April 24, 2003

L. HALL BOHLINGER
SECRETARY

CERTIFIED MAIL 7002 0460 0001 3664 1035
RETURN RECEIPT REQUESTED

RECEIVED 4/28/03

Mr. Joe Messina
Entergy Louisiana, Incorporated
17420 River Road
LaPlace, LA 70068

RE: Second Notice of Deficiencies
Little Gypsy Plant
Oily Waste Pond (OU-0194)
Agency Interest No. 687
St. Charles Parish

Dear Mr. Messina:

The Department is in receipt of your Notice of Deficiency Responses dated October 8, 1999, regarding the above referenced facility.

The following comments are considered not in conformity with the applicable sections of the Louisiana Solid Waste Rules and Regulations (LAC 33:VII):

TECHNICAL REVIEW:

519.I. Provide a clear copy of the proof of ownership document for the final copy of the Permit Application.

521.A.1.e. Please submit any additional correspondence from the Department of Recreation, Culture and Tourism. *(LETTERS from Entergy to various places)*

521.H.1. Include the maximum quantities of waste per year.

521.H.1.e. Your response indicates freeboard at one and two feet. Please correct this response.

521.H.1.f. Please provide Appendix B. *(ATT 1, 2 & 3) copy Appendix + add att*

523.A. Please explain how the sludge is removed. What happens to the wastewater after treatment? How does the pond improve the quality of the wastewater? What is the specific function of this pond?

523.B. Please provide economic specifics, including projected income level, taxes to the local economy and the number of jobs associated with this



Entergy Louisiana Inc.
Little Gypsy Plant
Second Notice of Deficiencies
Oily Waste Pond (OU-0194)
AI# 687

1306
523.C. facility. Please explain the plants' economic and social contributions. Please provide an analysis of on-site versus off-site disposal.

523.D. Explain design and construction of a large tank for treatment of wastewater and the significant expense. Please explain how off-site treatment and disposal would be more costly. Explain how the use of a composite line system is not a better alternative to the existing project.

523.E. Please provide any other positive characteristics to support this facility.

La RS 30:2157 Please provide a response to show that the line system would not provide more protection than which currently exists.

Please address this statute. *check with IRP*

GEOLOGY REVIEW:

521.D.1.b.

Drill
Please note that the requirement of LAC 33:VII.709.C.1.i states that geotechnical spacing shall be no greater than 450 feet, or a minimum of four borings required. After review of the site master plan, labeled as figure 1A, it was noted that only three borings surround the Oily Waste Pond. Therefore, a forth boring shall be installed to adequately delineate the subsurface geology below the Oily Waste Pond.

521.F.5.a.

After the review of the as built drawings of piezometers TP-5 and TP-6, it was noted that they are screened in zone II, not zone I, as stated in the application.

521.F.5.c.

The following comments apply to the Sampling and Analysis Plan (SAP) provided in Appendix D:

2.0 DETECTION MONITORING PARAMETERS

Drill
Please supply an analysis of the Oily Waste Pond's bottom sludge to justify the detection monitoring parameters found in this section of the SAP.

3.2.2. Groundwater Purging Techniques

Purged Water shall be contained, not poured onto the ground, until groundwater sample results are determined to be free of contaminants.

Entergy Louisiana Inc.
Little Gypsy Plant
Second Notice of Deficiencies
Oily Waste Pond (OU-0194)
AI# 687

FINANCIAL REVIEW:

521.L.

Please address this regulation, and submit the most recent financial assurance document for this facility.

Your response to these items shall be sent to this office within ninety (90) days of receipt of this letter. Please refer to the section and denoted regulations when responding to the comments. Additionally, four (4) copies of your response, including appendices, shall be provided.

If you have any further questions concerning this matter, please contact Mr. Rhett J. Francois (Technical Review) at (225) 765-0217, Mr. Hamilton Shaw (Geology Review) at (225) 765-0632 or Mr. Dennis Duszynski (Financial Review) at (225) 763-5434.

Sincerely,



Michael D. Vince, M.P.A.
Administrator

Rjf

C: Mr. Hamilton Shaw – MK 216E
Mr. Dennis Duszynski – HQ 4406
Southeast Regional Office
IO – SW

Certified Mail No.
Return Receipt Requested

July 21, 2003

Louisiana Department of Environmental Quality
Office of Environmental Services
Permits Division
P. O. Box 4313
Baton Rouge, LA 70821-4313
Attention: Mr. Michael D. Vince, Administrator

Reference: Second Notice of Deficiencies
Little Gypsy Plant
Oily Waste Pond (OU-0194)
Agency Interest No. 687
St. Charles Parish

Subject: Request for Extension to submit responses to NODs.

In accordance with LAC 33: I.1505.E, Entergy Louisiana, Inc. Little Gypsy Plant requests an extension of 30 days to submit the responses to the referenced document. Some of the responses require correspondence from the Department of Recreation, Culture and Tourism, which Entergy has not yet received. Additional time is also required to secure a clear copy of the proof of ownership document for the final copy of the Permit Application and to prepare adequate responses to other Technical Review items in the NOD.

The original due date for the responses to the referenced NODs was July 27, 2003, therefore the new due date will be August 26, 2003.

Gratefully yours,

Robert O. Bourg
Senior Technical Support Specialist
Louisiana Environmental Support

Cc: Mr. Hamilton Shaw
Mr. Dennis Duszynski
Southeast Regional Office
Mr. Dru Trahan – Earth Tech



State of Louisiana

Department of Environmental Quality



M.J. "MIKE" FOSTER, JR.
GOVERNOR

J. DALE GIVENS
SECRETARY

April 22, 2002

CERTIFIED MAIL - RETURN RECEIPT REQUESTED 7099 3400 0007 1921 8789

Mr. Robert Bourg
Entergy Louisiana, Inc
639 Loyola Avenue
P.O. Box 61000, L-ENT-SE
New Orleans, LA 70161-1000

Re: Entergy Louisiana, Inc.
Parameter Selection and Groundwater Monitoring Schedule
Oily Waste Pond
Little Gypsy Electric Generating Plant
GD-089-2735/OU-0194A/PA#472
AI# 72801 Montz, Louisiana
St. Charles Parish

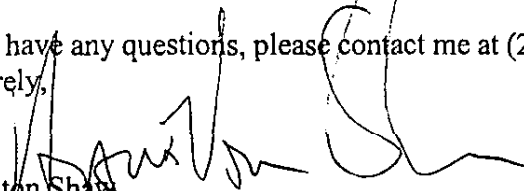
Dear Mr Bourg:

We have received your letter dated June 6, 2001 requesting a Parameter Selection and Groundwater Monitoring Schedule for the above-referenced facility.

The Department has reviewed the request and therefore approves the following:

- Parameters to be sampled: acetone, chromium, copper, zinc, Polynuclear aromatic hydrocarbons (PAHs), pH, Specific conductance, total organic carbon (TOC), oil and grease.
- Groundwater Monitoring Schedule will be performed quarterly for the first year and every six months thereafter for the life of the impoundment as required by LAC 33:VII.709.E.3.c and d.

If you have any questions, please contact me at (225) 765-0632 in the Baton Rouge Office.
Sincerely,


Hamilton Shaw
Geologist, Environmental Technology Division

c: Solid Waste File room
Dukell B. Trahan, R.P.G. Earth Tech 12133 Industriplex Boulevard, Baton Rouge
Louisiana 70809



recycled paper

OFFICE OF ENVIRONMENTAL ASSESSMENT

P.O. BOX 82178 • BATON ROUGE, LOUISIANA 70884-2178 • TELEPHONE (225) 765-0355 • FAX (225) 765-0617

AN EQUAL OPPORTUNITY EMPLOYER





State of Louisiana

Department of Environmental Quality

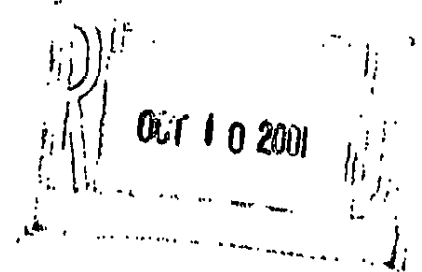


M.J. "MIKE" FOSTER, JR.
GOVERNOR

J. DALE GIVENS
SECRETARY

CERTIFIED MAIL - RETURN RECEIPT REQUESTED 7099 3400 0006 4105 5599

Mr. Robert Bourg
Environmental Administrator
Entergy Louisiana, Inc
639 Loyola Avenue
P.O. Box 61000, L-ENT-SE
New Orleans, LA 70161-1000



Re: Entergy Louisiana, Inc.
Parameter Selection and Groundwater Monitoring Schedule
Oily Waste Pond
Little Gypsy Electric Generating Plant
GD-089-2735/OU-0194A/PA#472
AI# 72801
Montz, Louisiana (St. Charles Parish)

Dear Mr. Bourg:

We have received your letter dated June 6, 2001 requesting a Parameter Selection and Groundwater Monitoring Schedule for the above-referenced facility.

The Department has reviewed the request and therefore approves the following:

- Parameters to be sampled: acetone, chromium, copper, zinc, Polynuclear aromatic hydrocarbons (PAHs), pH, Specific conductance, total organic carbon (TOC), oil and grease.
- Groundwater Monitoring Schedule will be performed quarterly for the first of the year and every six months thereafter for the life of the impoundment as required by LAC 33:VII.709.E.3.c and d.

If you have any questions, please contact me at (225) 765-0632 in the Baton Rouge Office.

Sincerely,

Hamilton Shaw
Geologist, Environmental Technology Division

c: Solid Waste File room
Dukell B. Trahan, R.P.G. Earth Tech, 12133 Industriplex Boulevard, Baton Rouge
Louisiana 70809



OFFICE OF ENVIRONMENTAL ASSESSMENT

P.O. BOX 82178 • BATON ROUGE, LOUISIANA 70884-2178 • TELEPHONE (225) 765-0355 • FAX (225) 765-0617





State of Louisiana

Department of Environmental Quality



M.J. "MIKE" FOSTER, JR.
GOVERNOR

J. DALE GIVENS
SECRETARY

CERTIFIED MAIL - RETURN RECEIPT REQUESTED 7099 3400 0006 4105 5599

Mr. Robert Bourg
Environmental Administrator
Entergy Louisiana, Inc
639 Loyola Avenue
P.O. Box 61000, L-ENT-SE
New Orleans, LA 70161-1000

OCT 04 REC'D

Re: Entergy Louisiana, Inc.
Parameter Selection and Groundwater Monitoring Schedule
Oily Waste Pond
Little Gypsy Electric Generating Plant
GD-089-2735/OU-0194A/PA#472
AI# 72801
Montz, Louisiana (St. Charles Parish)

Dear Mr. Bourg:

We have received your letter dated June 6, 2001 requesting a Parameter Selection and Groundwater Monitoring Schedule for the above-referenced facility.

The Department has reviewed tge request and therefore approves the following:

- Parameters to be sampled: acetone, chromium, copper, zinc, Polynuclear aromatic hydrocarbons (PAHs), pH, Specific conductance, total organic carbon (TOC), oil and grease.
- Groundwater Monitoring Schedule will be performed quarterly for the first of the year and every six months thereafter for the life of the impoundment as required by LAC 33:VII.709.E.3.c and d.

If you have any questions, please contact me at (225) 765-0632 in the Baton Rouge Office.

Sincerely,

Hamilton Shaw
Geologist, Environmental Technology Division

c: Solid Waste File room
Dukell B. Trahan, R.P.G. Earth Tech, 12133 Industriplex Boulevard, Baton Rouge
Louisiana 70809

OFFICE OF ENVIRONMENTAL ASSESSMENT

P.O. BOX 82178 • BATON ROUGE, LOUISIANA 70884-2178 • TELEPHONE (225) 765-0355 • FAX (225) 765-0617

AN EQUAL OPPORTUNITY EMPLOYER



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June 6, 2001

Via Hand Delivery

Mr. Michael Vince
Program Administrator
Louisiana Department of Environmental Quality
Office of Environmental Assessment-Permits Division
P.O. Box 82178
Baton Rouge, LA 70884-2178

Subject: **GD-089-2735 / LDEQ # OU-0194A**
Parameter Selection and Groundwater Monitoring Schedule
Oily Waste Pond
Little Gypsy Electric Generating Plant
Montz, Louisiana

Telephone

225.753.0081

Facsimile

225.753.0401

Dear Mr. Vince:

Entergy Louisiana, Inc. requests your approval to conduct groundwater monitoring activities at the Oily Waste Pond located at the Little Gypsy Electric Generating Plant in Montz, Louisiana. The monitoring activities are part of the Solid Waste Permit Application (LDEQ PA # 472) for the facility.

BACKGROUND

Entergy (formerly Louisiana Power & Light Co.) submitted a Standard Permit Application to the Louisiana Department of Environmental Quality (LDEQ) for the previously-unpermitted Oily Waste Pond in October 1994. The LDEQ issued a Notice of Deficiency (NOD) in June 1999, asking Entergy to provide additional information to be in conformance with sections of LAC 33:VII.

In October 1999, Entergy adequately addressed all the comments in the NOD except for those pertaining to LAC 33:VII.521.F.5.c, relative to groundwater monitoring parameters, and LAC 33:VII.709.C.1.c., relative to site investigation requirements. The Groundwater Sampling and Analysis Plan (GWSAP) had identified detection monitoring parameters based on process knowledge; LDEQ wanted to base parameter selection on an analysis of pond bottom sludge. As for site investigation requirements, in a request dated February 7, 2000, Entergy contended that the approved groundwater monitoring system to be installed would fulfill these requirements and adequately characterize the simple geology and hydrogeology of the site. Furthermore, the monitoring system would identify any potential impacts passing the relevant point of compliance in accordance with LAC 33:VII.709.E.

LDEQ agreed that the locations of the proposed monitor wells, with minor modifications, could be used as a boring plan to delineate the geology and subsurface hydrology beneath the site, and so informed Entergy of their approval in a letter dated September 12, 2000. The monitoring system was installed in December 2000 and January 2001. Sampling is scheduled to commence upon LDEQ approval of the monitoring schedule and parameters.

E A R T H  T E C H

Mr. Michael Vince
LDEQ OEA-Permits
June 6, 2001

SAMPLING PLAN

The basic elements of the GWSAP were to install 4 monitor wells, with sampling and analysis to be performed quarterly for the first year and every six months for the life of the impoundment thereafter. Based on process knowledge, detection monitoring parameters were to include polynuclear aromatic hydrocarbons (PAHs), pH, specific conductance, and total organic carbon (TOC).

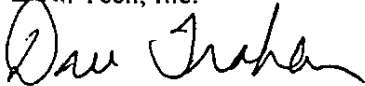
LDEQ requested that an analysis of pond sludge be performed to justify the detection monitoring parameters. The pond sludge was sampled on April 27, 2000. Analytical results included the volatile organic compounds (VOCs), acetone and toluene, oil and grease, and the metals, chromium, copper, nickel, zinc, and lead. The laboratory results on the pond sludge sample are provided in the enclosure.

Based on these results, Entergy would like to modify the parameters recommended in the GWSAP to include only acetone, oil and grease, chromium, copper, and zinc. All other elements of the GWSAP, including methods consistent with EPA and LDEQ requirements, will be performed as originally proposed. The monitor wells MW-1, MW-2, MW-3 and MW-4, installed per the modifications requested by LDEQ, will be sampled quarterly for the first year, and every 6 months for the life of the impoundment thereafter. The initial sampling event will include a minimum of four independent samples collected from each monitor well for analysis of the approved parameters.

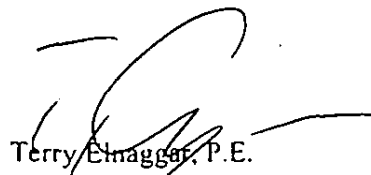
Upon LDEQ's concurrence, Entergy will continue with groundwater monitoring activities at the Oily Waste Pond located at the Little Gypsy Electric Generating Plant. If you have questions or require additional information, please do not hesitate to contact either of the undersigned.

Very truly yours,

Earth Tech, Inc.



Drukell B. Trahan, R.P.G.
Senior Geologist

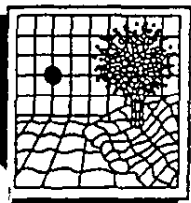


Terry Elmaggar, P.E.
Environmental Manager

Enclosure

cc: Robert Bourg, Entergy Louisiana, Inc.
Hamilton Shaw, LDEQ Environmental Technology Division
Thea Johnson, LDEQ Permits Division

ENCLOSURE



AMERICAN ANALYTICAL & TECHNICAL SERVICES, INC.

11950 Industriplex Blvd. • Baton Rouge, LA 70809 • Office (225) 753-8650 • Fax (225) 751-1405

May 11, 2000

Mr. Dru Trahan
EARTHTEC
12133 INDUSTRIPLEX BLVD.
BATON ROUGE, LA 70809

AATSLA: 42076
PROJECT: LITTLE GYPSY ,MONTZ

Dear Mr. Trahan:

Enclosed are the analytical data for the samples received in our Laboratory on March 27, 2000 for the above captioned project.

Client Identification	Laboratory Identification	Matrix	Date Collected
EQUIPMENT BLANK	42076.01	WATER	04/27/00
OWP-1	42076.02	SLUDGE	04/27/00

The samples were analyzed within appropriate holding times for parameters listed on the enclosed Chain of Custody. Quality control criteria were within acceptable limits.

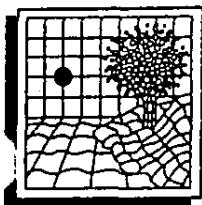
AATS is pleased to have had the opportunity to provide this analytical characterization and is eager to assist you with any future requirements.

Sincerely,

Heather Harrington
Project Officer

HH/yk

Enclosure



LABORATORY REPORT

AMERICAN ANALYTICAL & TECHNICAL SERVICES, INC.

11950 Industriplex Blvd. • Baton Rouge, LA 70809 • Office (225) 753-8650 • Fax (225) 751-1405

COMPANY NAME: EARTHTEC
AATSLA ID: 42076.01
PROJECT: LITTLE GYPSY, MONTZ
SAMPLE ID: EQUIPMENT BLANK
DILUTION FACTOR: 1

SAMPLE MATRIX: Water
DATE SAMPLED: 4/27/00
DATE RECEIVED: 4/27/00
DATE ANALYZED: 5/1/00
DATE REPORTED: 5/3/00

METHOD REFERENCE: SW846-8260B, USEPA Methodology
RESULTS REPORTED IN $\mu\text{g/l}$ (PARTS PER BILLION - ppb)

REPORTING				REPORTING			
VOLATILES	CAS #	LIMIT	RESULT	VOLATILES	CAS #	LIMIT	RESULT
1,1,1-Trichloroethane	71-55-6	5	< 5	Chloroethane	75-00-3	10	< 10
1,1,2,2-Tetrachloroethane	79-34-5	5	< 5	Chlorobenzene	108-90-7	5	< 5
1,1,2-Trichloroethane	79-00-5	5	< 5	Chlorodibromomethane	124-48-1	5	< 5
1,1-Dichloroethane	75-34-3	5	< 5	Chloroform	67-66-3	5	< 5
1,1-Dichloroethene	75-35-4	5	< 5	Chloromethane(methyl chloride)	74-87-3	10	< 10
1,2-Dichloroethane (EDC)	107-06-2	5	< 5	cis-1,3-Dichloropropene	10061-01-5	5	< 5
1,2-Dichloropropane	78-87-5	5	< 5	Ethylbenzene	100-41-4	5	< 5
2-Butanone (MEK)	78-93-3	10	< 10	Methylene Chloride	75-09-2	5	6
2-Chloroethylvinylether	110-75-8	10	< 10	Styrene	100-42-5	5	< 5
2-Hexanone	591-78-6	10	< 10	Tetrachloroethene	127-18-4	5	< 5
4-Methyl-2-pentanone(MIBK)	108-10-8	10	< 10	Toluene	108-88-3	5	< 5
Acetone	67-64-1	10	< 10	total 1,2-Dichloroethenes	540-59-0	5	< 5
Benzene	71-43-2	5	< 5	total Xylenes (o-,m- and p-)	1330-20-7	5	< 5
Bromodichloromethane	75-27-4	5	< 5	trans-1,3-Dichloropropene	10061-02-6	5	< 5
Bromoform	75-25-2	5	< 5	Trichloroethene	79-01-6	5	< 5
Bromomethane	74-83-9	10	< 10	Vinyl Acetate	105-05-4	10	< 10
Carbon Disulfide	75-15-0	5	< 5	Vinyl Chloride	75-01-4	10	< 10
Carbon tetrachloride	56-23-5	5	< 5				

SURROGATES	QC RANGE(1)	RESULT
	(%)	(%)
1,2-Dichloroethane-d4	71 -128	87
Toluene-d8	74 -121	100
Bromofluorobenzene	61 -126	97

DO = Diluted out

J = Estimated value (concentration below reporting limit)

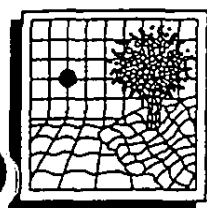
(1)Source: AATSLA, 10/99 Database

B = Analyte detected in blank as well as sample

* = Surrogate recovery outside QC control range

> = 14 day holding time exceeded

Comments:



LABORATORY REPORT

AMERICAN ANALYTICAL & TECHNICAL SERVICES, INC.

11950 Industriplex Blvd. • Baton Rouge, LA 70809 • Office (225) 753-8650 • Fax (225) 751-1405

COMPANY NAME: EARTHTEC
AATSLA ID: 42076.02
PROJECT: LITTLE GYPSY, MONTZ
SAMPLE ID: OWP-1
DILUTION FACTOR: 1

SAMPLE MATRIX: Sludge
DATE SAMPLED: 4/27/00
DATE RECEIVED: 4/27/00
DATE ANALYZED: 4/28/00
DATE REPORTED: 6/7/00

METHOD REFERENCE: SW846-8260B, USEPA Methodology
RESULTS REPORTED IN µg/kg (PARTS PER BILLION - ppb)

REPORTING				REPORTING			
VOLATILES	CAS #	LIMIT	RESULT	VOLATILES	CAS #	LIMIT	RESULT
1,1,1-Trichloroethane	71-55-6	5	< 5	Chloroethane	75-00-3	10	< 10
1,1,2,2-Tetrachloroethane	79-34-5	5	< 5	Chlorobenzene	108-90-7	5	< 5
1,1,2-Trichloroethane	79-00-5	5	< 5	Chlorodibromomethane	124-48-1	5	< 5
1,1-Dichloroethane	75-34-3	5	< 5	Chloroform	67-66-3	5	< 5
1,1-Dichloroethene	75-35-4	5	< 5	Chloromethane(methyl chloride)	74-87-3	10	< 10
1,2-Dichloroethane (EDC)	107-06-2	5	< 5	cis-1,3-Dichloropropene	10061-01-5	5	< 5
1,2-Dichloropropane	78-87-5	5	< 5	Ethylbenzene	100-41-4	5	< 5
2-Butanone (MEK)	78-93-3	10	< 10	Methylene Chloride	75-09-2	5	5
2-Chloroethylvinylether	110-75-8	10	< 10	Styrene	100-42-5	5	< 5
2-Hexanone	591-78-6	10	< 10	Tetrachloroethene	127-18-4	5	< 5
4-Methyl-2-pentanone(MIBK)	108-10-8	10	< 10	Toluene	108-88-3	5	8
Acetone	67-64-1	10	62	total 1,2-Dichloroethenes	540-59-0	5	< 5
Benzene	71-43-2	5	< 5	total Xylenes (o-,m- and p-)	1330-20-7	5	< 5
Bromodichloromethane	75-27-4	5	< 5	trans-1,3-Dichloropropene	10061-02-6	5	< 5
Bromoform	75-25-2	5	< 5	Trichloroethene	79-01-6	5	< 5
Bromomethane	74-83-9	10	< 10	Vinyl Acetate	105-05-4	10	< 10
Carbon Disulfide	75-15-0	5	< 5	Vinyl Chloride	75-01-4	10	< 10
Carbon tetrachloride	56-23-5	5	< 5				

SURROGATESQC RANGE(1)RESULT

	(%)	(%)
1,2-Dichloroethane-d4	32 -145	92
Toluene-d8	53 -128	119
Bromofluorobenzene	49 -133	76

DO = Diluted out

J = Estimated value (concentration below reporting limit)

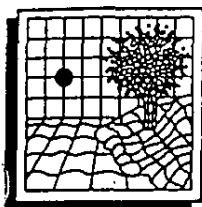
(1)Source: AATSLA, 10/99 Database

B = Analyte detected in blank as well as sample

* = Surrogate recovery outside QC control range

> = 14 day holding time exceeded

Comments: Matrix influence affecting internal standards confirmed by a second analysis.



LABORATORY REPORT

AMERICAN ANALYTICAL & TECHNICAL SERVICES, INC.

11950 Industriplex Blvd. • Baton Rouge, LA 70809 • Office (225) 753-8650 • Fax (225) 751-1405

COMPANY NAME: EARTHTEC
AATSLA ID: 42076.02
PROJECT: LITTLE GYPSY, MONTZ
SAMPLE ID: OWP-1
DILUTION FACTOR: 10

SAMPLE MATRIX: Sludge
DATE SAMPLED: 4/27/00
DATE RECEIVED: 4/27/00
DATE EXTRACTED: 4/28/00
DATE ANALYZED: 5/2/00
DATE REPORTED: 5/5/00

METHOD REFERENCE: SW846-8270C, USEPA Methodology
RESULTS REPORTED IN µg/kg (PARTS PER BILLION - ppb) - "WET WEIGHT" BASIS

REPORTING				REPORTING			
SEMIVOLATILES	CAS #	LIMIT	RESULT	SEMIVOLATILES	CAS #	LIMIT	RESULT
1,2,4-Trichlorobenzene	120-82-1	3300	< 3300	Benzo(b)fluoranthene	205-99-2	3300	< 3300
1,2-Dichlorobenzene	95-50-1	3300	< 3300	Benzo(g,h,i)perylene	191-24-2	3300	< 3300
1,3-Dichlorobenzene	541-73-1	3300	< 3300	Benzo(k)fluoranthene	207-08-9	3300	< 3300
1,4-Dichlorobenzene	106-46-7	3300	< 3300	Benzoic acid	65-85-0	16500	< 16500
2,4,5-Trichlorophenol	95-95-4	8300	< 8300	Benzyl alcohol	100-51-6	3300	< 3300
2,4,6-Trichlorophenol	88-06-2	3300	< 3300	bis(2-Chloroethoxy)methane	111-91-1	3300	< 3300
2,4-Dichlorophenol	120-83-2	3300	< 3300	bis(2-Chloroethyl)ether	111-44-4	3300	< 3300
2,4-Dimethylphenol	105-67-9	3300	< 3300	bis(2-Chloroisopropyl)ether	39638-32-9	3300	< 3300
2,4-Dinitrophenol	51-28-5	8300	< 8300	bis(2-Ethylhexyl)phthalate	117-81-7	3300	< 3300
2,4-Dinitrotoluene	121-14-2	3300	< 3300	Butylbenzylphthalate	85-68-7	3300	< 3300
2,6-Dinitrotoluene	606-20-2	3300	< 3300	Chrysene	218-01-9	3300	< 3300
2-Chloronaphthalene	91-58-7	3300	< 3300	di-n-Butylphthalate	84-74-2	3300	< 3300
2-Chlorophenol	95-57-8	3300	< 3300	di-n-Octylphthalate	117-84-0	3300	< 3300
2-Methylnaphthalene	91-57-6	3300	< 3300	Dibenzo(a,h)anthracene	53-70-3	3300	< 3300
2-Methylphenol(o-Cresol)	95-48-7	3300	< 3300	Dibenzofuran	132-64-9	3300	< 3300
2-Nitroaniline	88-74-4	8300	< 8300	Diethylphthalate	84-66-2	3300	< 3300
2-Nitrophenol	88-75-5	3300	< 3300	Dimethylphthalate	131-11-3	3300	< 3300
3,3'-Dichlorobenzidine	91-94-1	3300	< 3300	Fluoranthene	206-44-0	3300	< 3300
3-Nitroaniline	99-09-2	8300	< 8300	Fluorene	86-73-7	3300	< 3300
4,6-Dinitro-2-methylphenol	534-52-1	8300	< 8300	Hexachlorobenzene	118-74-1	3300	< 3300
4-Bromophenyl-phenylether	101-55-3	3300	< 3300	Hexachlorobutadiene	87-68-3	3300	< 3300
4-Chloro-3-methylphenol	59-50-7	3300	< 3300	Hexachlorocyclopentadiene	77-47-4	3300	< 3300
4-Chloroaniline	106-47-8	3300	< 3300	Hexachloroethane	67-72-1	3300	< 3300
4-Chlorophenyl-phenylether	7005-72-3	3300	< 3300	Indeno(1,2,3-c,d)pyrene	193-39-5	3300	< 3300
4-Methylphenol (p-Cresol)	106-44-5	3300	< 3300	Isophorone	78-59-1	3300	< 3300
4-Nitroaniline	100-01-6	8300	< 8300	N-Nitroso-di-n-propylamine	621-64-7	3300	< 3300
4-Nitrophenol	100-02-7	8300	< 8300	N-Nitrosodiphenylamine*	86-30-6	3300	< 3300
4-tert-Butylphenol	98-54-4	3300	< 3300	Naphthalene	91-20-3	3300	< 3300
Acenaphthene	83-32-9	3300	< 3300	Nitrobenzene	98-95-3	3300	< 3300
Acenaphthylene	208-96-8	3300	< 3300	Pentachlorophenol	87-86-5	8300	< 8300
Anthracene	120-12-7	3300	< 3300	Phenanthrene	85-01-8	3300	< 3300
Benzo(a)anthracene	56-55-3	3300	< 3300	Phenol	108-95-2	3300	< 3300
Benzo(a)pyrene	50-32-8	3300	< 3300	Pyrene	129-00-0	3300	< 3300

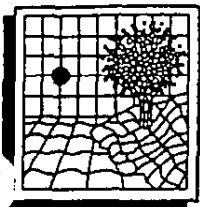
ACID SURROGATES	QC RANGE(1) (%)	RESULT (%)
2-Fluorophenol	39 -87	68
Phenol-d5	32 -100	70
2,4,6-Tribromophenol	37 -127	69

BASE-NEUTRAL SURROGATES	QC RANGE(1) (%)	RESULT (%)
Nitrobenzene-d5	36 -101	74
2-Fluorobiphenyl	40 -112	82
Terphenyl-d14	38 -132	102

B = Analyte detected in blank as well as sample
J = Estimated value (detected below reporting limit)
> = Exceeds 14 day holding time

* = Surrogate outside QC control range
(1)Source: AATSLA, 12/99 Database
DO = Diluted out

Comments: DO=Diluted out. 10 fold dilution required to solubilize and/or chromatographically resolve a high level of organic material extracted from the sample.



AMERICAN ANALYTICAL & TECHNICAL SERVICES, INC.

11950 Industripex Blvd. • Baton Rouge, LA 70809 • Office (225) 753-8650 • Fax (225) 751-1405

CLIENT: EARTH TECH
12133 INDUSTRIPLEX BLVD.
BATON ROUGE, LA 70809

REPORT: 42076
DATE: 05/08/00

SAMPLE MATRIX: SOIL
AATSLA #: 42076.02
DATE RECEIVED: 04/27/00
DATE EXTRACTED: 05/03/00
DATE ANALYZED: 05/04/00
METHOD REFERENCE: EPA METHODOLOGY SW846-8082
PROJECT: LITTLE GYPSY, MONTZ
SAMPLE ID: OWP-1

PCB's

RESULTS REPORTED IN ug/Kg OR PARTS PER BILLION (PPB)

PCB's	REPORTING LIMIT	RESULTS
AROCLOR 1016	330	ND
AROCLOR 1221	670	ND
AROCLOR 1232	330	ND
AROCLOR 1242	330	ND
AROCLOR 1248	330	ND
AROCLOR 1254	330	ND
AROCLOR 1260	330	ND

QA/QC SURROGATE RECOVERY

TETRACHLORO-M-XYLENE (03-145) 64%

ND = NOT DETECTED ABOVE QUANTITATION LIMIT
N/A = NOT APPLICABLE

AMERICAN ANALYTICAL & TECHNICAL SERVICES

11950 Industriplex Blvd. Baton Rouge, LA 70809 504 753-8650

Client Name: EarthTech
12133 INDUSTRIPLEX BLVD
BATON ROUGE, LA 70809

Client ID: OWP-1

Project ID: LITTLE GYPSY ,MONTZ

AATS ID: 42076.02

Report: 42076.02

Collected: 04/27/2000

Report Date: 05/11/2000

Page: 1

Received: 04/27/2000

Last Modified:

Matrix: Sludge

TEST	DATE EXTRACTED	DETECTION LIMIT	UNITS	RESULTS	DATE ANALYZED	METHOD REFERENCE
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*** INORGANICS ***

OIL & GREASE		100	mg/Kg	56700	05/04/00	EPA 1664
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*** METALS ***

PRI-POL METALS

METALS-PP-ICP

ANTIMONY	1.0	mg/Kg	ND	05/03/00	
BERYLLIUM	0.2	mg/Kg	0.3	05/03/00	
CADMIUM	0.5	mg/Kg	1.4	05/03/00	
CHROMIUM	1.0	mg/Kg	67.4	05/03/00	
COPPER	0.5	mg/Kg	49.7	05/03/00	
NICKEL	1.0	mg/Kg	16.6	05/03/00	
SILVER	1.0	mg/Kg	ND	05/03/00	
ZINC	1.0	mg/Kg	207.2	05/03/00	
ARSENIC	1.0	mg/Kg	3.8	05/03/00	SW 6010/EPA 200.7
LEAD	0.5	mg/Kg	23.4	05/03/00	SW 6010/EPA 200.7
MERCURY	0.100	mg/Kg	1.588	04/28/00	SW 7470/71/EPA 245.1
SELENIUM	0.5	mg/Kg	ND	05/04/00	SW 6010/EPA 200.7
THALLIUM	1.0	mg/Kg	ND	05/03/00	SW 6010/EPA 200.7

ND = NOT DETECTED ABOVE QUANTITATION LIMIT

= ANALYTE DETECTED IN BLANK AS WELL AS SAMPLE

UNABLE TO QUANTITATE DUE TO MATRIX INTERFERENCE

NA = NOT APPLICABLE

Methodology: SM = STANDARD METHODS, 18th EDITION, 1995

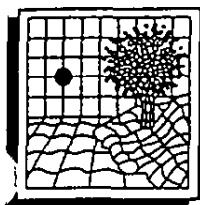
EPA = #EPA600/4-79-020, MARCH 1985

* = SURROGATE RECOVERY OUTSIDE OF QC LIMITS

D = SURROGATES DILUTED OUT

J = ESTIMATED VALUE: CONCENTRATION BELOW LIMIT OF QUANTITATION

SW = EPA METHODOLOGY, "#SW846", THIRD EDITION, SEPTEMBER 1994



LABORATORY REPORT

AMERICAN ANALYTICAL & TECHNICAL SERVICES, INC.

11950 Industriplex Blvd. • Baton Rouge, LA 70809 • Office (225) 753-8650 • Fax (225) 751-1405

COMPANY NAME: EARTHTEC
AATSLA ID: 42076
PROJECT: LITTLE GYPSY, MONTZ
SAMPLE ID: Method Blank
DILUTION FACTOR: 1

SAMPLE MATRIX: Water
DATE SAMPLED: NA
DATE RECEIVED: NA
DATE ANALYZED: 05/01/00
DATE REPORTED: 05/03/00

METHOD REFERENCE: SW846-8260B, USEPA Methodology
RESULTS REPORTED IN $\mu\text{g/l}$ (PARTS PER BILLION - ppb)

REPORTING				REPORTING			
VOLATILES	CAS #	LIMIT	RESULT	VOLATILES	CAS #	LIMIT	RESULT
1,1,1-Trichloroethane	71-55-6	5	< 5	Chloroethane	75-00-3	10	< 10
1,1,2,2-Tetrachloroethane	79-34-5	5	< 5	Chlorobenzene	108-90-7	5	< 5
1,1,2-Trichloroethane	79-00-5	5	< 5	Chlorodibromomethane	124-48-1	5	< 5
1,1-Dichloroethane	75-34-3	5	< 5	Chloroform	67-66-3	5	< 5
1,1-Dichloroethene	75-35-4	5	< 5	Chloromethane(methyl chloride)	74-87-3	10	< 10
1,2-Dichloroethane (EDC)	107-06-2	5	< 5	cis-1,3-Dichloropropene	10061-01-5	5	< 5
1,2-Dichloropropane	78-87-5	5	< 5	Ethylbenzene	100-41-4	5	< 5
2-Butanone (MEK)	78-93-3	10	< 10	Methylene Chloride	75-09-2	5	< 5
2-Chloroethylvinylether	110-75-8	10	< 10	Styrene	100-42-5	5	< 5
2-Hexanone	591-78-6	10	< 10	Tetrachloroethene	127-18-4	5	< 5
4-Methyl-2-pentanone(MIBK)	108-10-8	10	< 10	Toluene	108-88-3	5	< 5
Acetone	67-64-1	10	< 10	total 1,2-Dichloroethenes	540-59-0	5	< 5
Benzene	71-43-2	5	< 5	total Xylenes (o-,m- and p-)	1330-20-7	5	< 5
Bromodichloromethane	75-27-4	5	< 5	trans-1,3-Dichloropropene	10061-02-6	5	< 5
Bromoform	75-25-2	5	< 5	Trichloroethene	79-01-6	5	< 5
Bromomethane	74-83-9	10	< 10	Vinyl Acetate	105-05-4	10	< 10
Carbon Disulfide	75-15-0	5	< 5	Vinyl Chloride	75-01-4	10	< 10
Carbon tetrachloride	56-23-5	5	< 5				

<u>SURROGATES</u>	<u>QC RANGE(1)</u>	<u>RESULT</u>
	<u>(%)</u>	<u>(%)</u>
1,2-Dichloroethane-d4	71 -128	89
Toluene-d8	74 -121	100
Bromofluorobenzene	61 -126	95

DO = Diluted out

J = Estimated value (concentration below reporting limit)

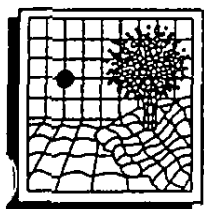
(1)Source: AATSLA, 10/99 Database

B = Analyte detected in blank as well as sample

* = Surrogate recovery outside QC control range

> = 14 day holding time exceeded

Comments:



LABORATORY REPORT

AMERICAN ANALYTICAL & TECHNICAL SERVICES, INC.

11950 Industriplex Blvd. • Baton Rouge, LA 70809 • Office (225) 753-8650 • Fax (225) 751-1405

COMPANY NAME: EARTHTEC
AATSLA ID: 42076
PROJECT: LITTLE GYPSY, MONTZ
SAMPLE ID: Method Blank
DILUTION FACTOR: 1

SAMPLE MATRIX: Sludge
DATE SAMPLED: NA
DATE RECEIVED: NA
DATE EXTRACTED: 4/28/00
DATE ANALYZED: 5/1/00
DATE REPORTED: 5/5/00

METHOD REFERENCE: SW846-8270C, USEPA Methodology
RESULTS REPORTED IN µg/kg (PARTS PER BILLION - ppb) - "WET WEIGHT" BASIS

REPORTING				REPORTING			
SEMIVOLATILES	CAS #	LIMIT	RESULT	SEMIVOLATILES	CAS #	LIMIT	RESULT
1,2,4-Trichlorobenzene	120-82-1	330	< 330	Benzo(b)fluoranthene	205-99-2	330	< 330
1,2-Dichlorobenzene	95-50-1	330	< 330	Benzo(g,h,i)perylene	191-24-2	330	< 330
1,3-Dichlorobenzene	541-73-1	330	< 330	Benzo(k)fluoranthene	207-08-9	330	< 330
1,4-Dichlorobenzene	106-46-7	330	< 330	Benzoic acid	65-85-0	1650	< 1650
2,4,5-Trichlorophenol	95-95-4	830	< 830	Benzyl alcohol	100-51-6	330	< 330
2,4,6-Trichlorophenol	88-06-2	330	< 330	bis(2-Chloroethoxy)methane	111-91-1	330	< 330
2,4-Dichlorophenol	120-83-2	330	< 330	bis(2-Chloroethyl)ether	111-44-4	330	< 330
2,4-Dimethylphenol	105-67-9	330	< 330	bis(2-Chloroisopropyl)ether	39638-32-9	330	< 330
2,4-Dinitrophenol	51-28-5	830	< 830	bis(2-Ethylhexyl)phthalate	117-81-7	330	< 330
2,4-Dinitrotoluene	121-14-2	330	< 330	Butylbenzylphthalate	85-68-7	330	< 330
2,6-Dinitrotoluene	606-20-2	330	< 330	Chrysene	218-01-9	330	< 330
2-Chloronaphthalene	91-58-7	330	< 330	di-n-Butylphthalate	84-74-2	330	< 330
2-Chlorophenol	95-57-8	330	< 330	di-n-Octylphthalate	117-84-0	330	< 330
2-Methylnaphthalene	91-57-6	330	< 330	Dibenzo(a,h)anthracene	53-70-3	330	< 330
2-Methylphenol(o-Cresol)	95-48-7	330	< 330	Dibenzofuran	132-64-9	330	< 330
2-Nitroaniline	88-74-4	830	< 830	Diethylphthalate	84-66-2	330	< 330
2-Nitrophenol	88-75-5	330	< 330	Dimethylphthalate	131-11-3	330	< 330
3,3'-Dichlorobenzidine	91-94-1	330	< 330	Fluoranthene	206-44-0	330	< 330
3-Nitroaniline	99-09-2	830	< 830	Fluorene	86-73-7	330	< 330
4,6-Dinitro-2-methylphenol	534-52-1	830	< 830	Hexachlorobenzene	118-74-1	330	< 330
4-Bromophenyl-phenylether	101-55-3	330	< 330	Hexachlorobutadiene	87-68-3	330	< 330
4-Chloro-3-methylphenol	59-50-7	330	< 330	Hexachlorocyclopentadiene	77-47-4	330	< 330
4-Chloroaniline	106-47-8	330	< 330	Hexachloroethane	67-72-1	330	< 330
4-Chlorophenyl-phenylether	7005-72-3	330	< 330	Indeno(1,2,3-c,d)pyrene	193-39-5	330	< 330
4-Methylphenol(p-Cresol)	106-44-5	330	< 330	Isophorone	78-59-1	330	< 330
4-Nitroaniline	100-01-6	830	< 830	N-Nitroso-di-n-propylamine	621-64-7	330	< 330
4-Nitrophenol	100-02-7	830	< 830	N-Nitrosodiphenylamine	86-30-6	330	< 330
4-tert-Butylphenol	98-54-4	330	< 330	Naphthalene	91-20-3	330	< 330
Acenaphthene	83-32-9	330	< 330	Nitrobenzene	98-95-3	330	< 330
Acenaphthylene	208-96-8	330	< 330	Pentachlorophenol	87-86-5	830	< 830
Anthracene	120-12-7	330	< 330	Phenanthrene	85-01-8	330	< 330
Benzo(a)anthracene	56-55-3	330	< 330	Phenol	108-95-2	330	< 330
Benzo(a)pyrene	50-32-8	330	< 330	Pyrene	129-00-0	330	< 330

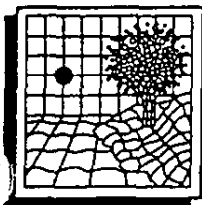
ACID	QC RANGE(1)	RESULT
SURROGATES	(%)	(%)
2-Fluorophenol	39 -87	63
Phenol-d5	32 -100	59
2,4,6-Tribromophenol	37 -127	82

BASE-NEUTRAL	QC RANGE(1)	RESULT
SURROGATES	(%)	(%)
Nitrobenzene-d5	36 -101	71
2-Fluorobiphenyl	40 -112	70
Terphenyl-d14	38 -132	85

B = Analyte detected in blank as well as sample
J = Estimated value (detected below reporting limit)
> = Exceeds 14 day holding time

* = Surrogate outside QC control range
(1)Source: AATSLA, 12/99 Database
DO = Diluted out

Comments:



AMERICAN ANALYTICAL & TECHNICAL SERVICES, INC.

11950 Industripex Blvd. • Baton Rouge, LA 70809 • Office (225) 753-8650 • Fax (225) 751-1405

CLIENT: EARTH TECH
12133 INDUSTRIPLEX BLVD.
BATON ROUGE, LA 70809

REPORT: 42076
DATE: 05/08/00

SAMPLE MATRIX: SOIL
AATSLA #: BLK050300 A
DATE RECEIVED: N/A
DATE EXTRACTED: 05/03/00
DATE ANALYZED: 05/04/00
METHOD REFERENCE: EPA METHODOLOGY SW846-8082
PROJECT: LITTLE GYPSY, MONTZ
SAMPLE ID: METHOD BLANK

PCB's

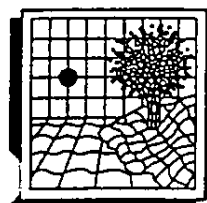
RESULTS REPORTED IN ug/Kg OR PARTS PER BILLION (PPB)

PCB's	REPORTING LIMIT	RESULTS
AROCLOR 1016	33	ND
AROCLOR 1221	67	ND
AROCLOR 1232	33	ND
AROCLOR 1242	33	ND
AROCLOR 1248	33	ND
AROCLOR 1254	33	ND
AROCLOR 1260	33	ND

QA/QC SURROGATE RECOVERY

TETRACHLORO-M-XYLENE (03-145) 72%

ND = NOT DETECTED ABOVE QUANTITATION LIMIT
N/A = NOT APPLICABLE



LABORATORY REPORT

AMERICAN ANALYTICAL & TECHNICAL SERVICES, INC.

11950 Industriplex Blvd. • Baton Rouge, LA 70809 • Office (225) 753-8650 • Fax (225) 751-1405

COMPANY NAME: EARTHTEC
AATSLA ID: 42076
PROJECT: LITTLE GYPSY, MONTZ
SAMPLE ID: Laboratory Control Sample (LCS)**

SAMPLE MATRIX: Water
DATE SAMPLED: NA
DATE RECEIVED: NA
DATE ANALYZED: 05/01/00
DATE REPORTED: 05/03/00

METHOD REFERENCE: SW846-8260B, USEPA Methodology
AMOUNT SPIKED and RESULT REPORTED IN $\mu\text{g/l}$ (PARTS PER BILLION - ppb)

VOLATILES	AMOUNT SPIKED	RESULT	RECOVERY (%)	QC LIMITS (%)(2)
1,1-Dichloroethene	5.0	6.24	125	10 -200
Trichloroethene	5.0	5.09	102	30 -170
Benzene	5.0	5.32	106	30 -170
Toluene	5.0	5.13	103	30 -170
Chlorobenzene	5.0	4.83	97	30 -170

<u>SURROGATES</u>	<u>QC RANGE(1)</u> <u>(%)</u>	<u>RESULT</u> <u>(%)</u>
1,2-Dichloroethane-d4	71 -128	92
Toluene-d8	74 -121	100
Bromofluorobenzene	61 -126	94

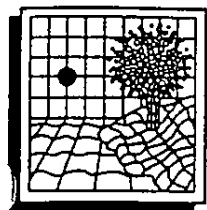
* = Value exceeds QC limit.

** = Second source blank spike (spiking solution obtained from a source different from that of the instrument calibration standards) analyzed concurrently with samples.

(1)Source: AATSLA; 10/99 Database

(2)Source: AATSLA Advisory, 12/99 (Reporting limit LCS)

Comments:



LABORATORY REPORT

AMERICAN ANALYTICAL & TECHNICAL SERVICES, INC.

11950 Industriplex Blvd. • Baton Rouge, LA 70809 • Office (225) 753-8650 • Fax (225) 751-1405

COMPANY NAME: EARTHTEC
AATSLA ID: 42076
PROJECT: LITTLE GYPSY, MONTZ
SAMPLE ID: Laboratory Control Sample (LCS)
DILUTION FACTOR: 1

SAMPLE MATRIX: Sludge
DATE SAMPLED: NA
DATE RECEIVED: NA
DATE EXTRACTED: 4/28/00
DATE ANALYZED: 5/1/00
DATE REPORTED: 5/5/00

METHOD REFERENCE: SW846-8270C, USEPA Methodology
AMOUNT SPIKED and RESULT REPORTED IN $\mu\text{g/kg}$ (PARTS PER BILLION - ppb)

SEMIVOLATILES	AMOUNT SPIKED	RESULT		RECOVERY (%)	QC LIMITS (%)(3)
		RAW	FINAL		
Phenol	330	6.7	223	68	10 -150
2-Chlorophenol	330	6.8	226	69	10 -150
1,4-Dichlorobenzene	330	7.3	243	74	10 -150
N-Nitroso-di-n-propylamine	330	8.1	270	82	10 -150
1,2,4-Trichlorobenzene	330	8.5	283	86	10 -150
4-Chloro-3-methylphenol	330	7.5	250	76	10 -150
Acenaphthene	330	8.0	266	81	10 -150
4-Nitrophenol	330	6.0	200	61	10 -150
2,4-Dinitrotoluene	330	7.4	246	75	10 -150
Pentachlorophenol	330	3.8	127	38	10 -150
Pyrene	330	10.2	340	103	10 -150

ACID SURROGATES	QC RANGE(1) (%)	RESULT (%)
2-Fluorophenol	39 -87	71
Phenol-d5	32 -100	70
2,4,6-Tribromophenol	37 -127	78

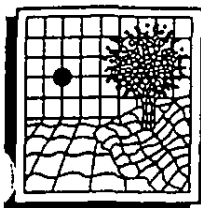
BASE-NEUTRAL SURROGATES	QC RANGE(1) (%)	RESULT (%)
Nitrobenzene-d5	36 -101	78
2-Fluorobiphenyl	40 -112	82
Terphenyl-d14	38 -132	92

* = Value exceeds QC limit.

(1)Source: AATSLA, 12/99 Database

(3)Source: AATSLA, 1/00 Advisory

Comments:



AMERICAN ANALYTICAL & TECHNICAL SERVICES, INC.

11950 Industriplex Blvd. • Baton Rouge, LA 70809 • Office (225) 753-8650 • Fax (225) 751-1405

CLIENT: EARTH TECH
12133 INDUSTRIPLEX BLVD.
BATON ROUGE, LA 70809

REPORT: 42076
DATE: 05/08/00

SAMPLE MATRIX: SOIL
AATSLA #: LCS050300 1
DATE RECEIVED: N/A
DATE EXTRACTED: 05/03/00
DATE ANALYZED: 05/04/00
METHOD REFERENCE: EPA METHODOLOGY SW846-8082
PROJECT: LITTLE GYPSY, MONTZ

SOIL LABORATORY CONTROL SPIKE RECOVERY

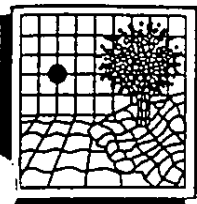
RESULTS REPORTED IN ug/Kg OR PARTS PER BILLION (PPB)

	SPIKE	SPIKE	SPIKE
PCB	ADDED	RECOVERED	PERCENT
			RECOVERY
AROCOR 1660	333	385	116

QA/QC SURROGATE RECOVERY

TETRACHLORO-M-XYLENE (03-145) 82%

ND = NOT DETECTED ABOVE QUANTITATION LIMIT



AMERICAN ANALYTICAL & TECHNICAL SERVICES, INC.

11950 Industriplex Blvd. • Baton Rouge, LA 70809 • Office (225) 753-8650 • Fax (225) 751-1405

ANALYTICAL REPORT

EARTHTEC
12133 INDUSTRIPLEX BLVD.
BATON ROUGE, LA 70809

REPORT: 42076

DATE: 05-11-00

AATSLA IDENTIFICATION

SAMPLE NO.: 42076.01-.02
DATE RECEIVED: 04/27/00

QA/QC

<u>DESCRIPTION</u>	<u>PARAMETER</u>	<u>RESULTS</u>
METHOD BLANK 05-03-00	ANTIMONY	< 1.0 mg/Kg
METHOD BLANK 05-03-00	ARSENIC	< 1.0 mg/Kg
METHOD BLANK 05-03-00	BERYLLIUM	< 0.2 mg/Kg
METHOD BLANK 05-03-00	CADMIUM	< 0.5 mg/Kg
METHOD BLANK 05-03-00	CHROMIUM	< 1.0 mg/Kg
METHOD BLANK 05-03-00	COPPER	< 0.5 mg/Kg
METHOD BLANK 05-03-00	LEAD	< 0.5 mg/Kg
METHOD BLANK 05-01-00	MERCURY	< 0.200 mg/Kg
METHOD BLANK 05-03-00	NICKEL	< 1.0 mg/Kg
METHOD BLANK 05-04-00	OIL & GREASE	< 100 mg/Kg
METHOD BLANK 05-04-00	SELENIUM	< 0.5 mg/Kg
METHOD BLANK 05-03-00	SILVER	< 1.0 mg/Kg
METHOD BLANK 05-03-00	THALLIUM	< 1.0 mg/Kg
METHOD BLANK 05-05-00	ZINC	< 5.0 mg/Kg
BLANK SPIKE 05-03-00	ANTIMONY	47% RECOVERY
BLANK SPIKE 05-03-00	ARSENIC	92% RECOVERY
BLANK SPIKE 05-03-00	BERYLLIUM	99% RECOVERY
BLANK SPIKE 05-03-00	CADMIUM	98% RECOVERY
BLANK SPIKE 05-03-00	CHROMIUM	99% RECOVERY
BLANK SPIKE 05-03-00	COPPER	94% RECOVERY
BLANK SPIKE 05-03-00	LEAD	94% RECOVERY
BLANK SPIKE 05-01-00	MERCURY	88% RECOVERY
BLANK SPIKE 05-03-00	NICKEL	96% RECOVERY
BLANK SPIKE 05-04-00	OIL & GREASE	86% RECOVERY
BLANK SPIKE 05-04-00	SELENIUM	80% RECOVERY
BLANK SPIKE 05-03-00	SILVER	85% RECOVERY
BLANK SPIKE 05-03-00	THALLIUM	90% RECOVERY
BLANK SPIKE 05-05-00	ZINC	86% RECOVERY



State of Louisiana

Department of Environmental Quality



M.J. "MIKE" FOSTER, JR.
GOVERNOR

J. DALE GIVENS
SECRETARY

SEP 19 2000

September 12, 2000

CERTIFIED MAIL - RETURN RECEIPT REQUESTED 7099 3400 0007 7058 8562

Mr. Gerald G. McGlamery, P.E.
Louisiana Environmental Administrator
639 Loyola Avenue
P.O. Box 61000, L-ENT-SE
New Orleans, LA 70161-1000

Re: Entergy Louisiana, Inc.
Little Gypsy Plant
Surface Impoundment's
GD-089-2735/OU-0194A/PA#472
St. Charles Parish

Dear Mr. McGlamery:

We have received your letter dated February 7, 2000 requesting an exemption from the requirements of LAC 33:VII.709.C.1.c. for the above-referenced facility.

The Department has reviewed the request and determined that an exemption from the requirements is not necessary. The proposed locations of the monitoring wells can be used as a boring plan to delineate subsurface geology and hydrology therefore meeting all the requirements of LAC 33:VII.709.C.1.c.

If you have any questions, please contact me at (225) 765-0632 in the Baton Rouge Office.

Sincerely,

Hamilton Shaw
Geologist, Environmental Technology Division

lhs

c: Solid Waste Fileroom



recycled paper

OFFICE OF ENVIRONMENTAL ASSESSMENT

P.O. BOX 82178 • BATON ROUGE, LOUISIANA 70884-2178 • TELEPHONE (225) 765-0355 • FAX (225) 765-0617

AN EQUAL OPPORTUNITY EMPLOYER





Entergy Services, Inc.
639 Loyola Avenue
P.O. Box 61000, L-ENT-5E
New Orleans, LA 70161-1000
Tel 504 576 6467

February 7, 2000

Gerald G. McGlamery, P.E.
Administrator
LA Environmental Support

VIA HAND DELIVERY

Mr. Michael Vince
Louisiana Department of Environmental Quality
Office of Environmental Services - Permits Division
P. O. Box 82178
Baton Rouge, Louisiana 70804-2178

RECEIVED

FEB 07 2000

LA DEPARTMENT OF
ENVIRONMENTAL QUALITY
OFFICE OF ENVIRONMENTAL SERVICES

Reference: Entergy Louisiana, Inc.
Little Gypsy Plant
Surface Impoundments
GD-089-2735/OU-0194A/PA# 472
St. Charles Parish

Subject: Request for Buffer Zone Waiver

Dear Mr. Vince:

Pursuant to our recent meeting with representatives of the Louisiana Department of Environmental Quality (LDEQ), Entergy Services, Inc. (Entergy) hereby requests a waiver from the buffer zone requirement for the Oily Waste Pond operated at the Entergy Louisiana, Inc. (ELI) Little Gypsy Plant.

Entergy requests a waiver from the requirements of LAC 33:VII.709.B.2, which includes providing a minimum 200-foot buffer zone between the solid waste impoundment and the property line. This regulation also states that the buffer zone requirement may be waived or modified by the administrative authority for existing facilities. The subject surface impoundment is an existing facility that received waste prior to October 9, 1993. Furthermore, purchasing additional property to provide a buffer zone is not possible because the adjacent property is owned by several individual property owners.

The Oily Waste Pond is an existing impoundment that has had no adverse impact on the public health, safety, welfare, or the environment, and has been operated in accordance with the LSWRR. A groundwater monitoring system will be installed to monitor groundwater quality around the impoundment. Data from this monitoring program will be used to detect any potential leakage from the impoundment. If any leakage is detected, appropriate remedial measures would be implemented immediately.

We appreciate your consideration of this request for a buffer zone waiver. If you have questions or need additional information, please do not hesitate to call Mr. Gus VonBodungen of my staff at (504) 576-6037.

Sincerely,

Gerald G. McGlamery
Louisiana Environmental Support Administrator

cc: Renee Pittman - LDEQ, Office of Environmental Services
Thea Johnson - LDEQ, Office of Environmental Services



Entergy Services, Inc.
639 Loyola Avenue
P.O. Box 61000, L-ENT-SE
New Orleans, LA 70161-1000
Tel 504 576 6467

Gerald G. McGlamery, P.E.
Administrator
LA Environmental Support

February 7, 2000

VIA HAND DELIVERY

Mr. Michael Vince
Louisiana Department of Environmental Quality
Office of Environmental Services - Permits Division
P. O. Box 82178
Baton Rouge, Louisiana 70804-2178

RECEIVED

FEB 07 2000

LA DEPARTMENT OF
ENVIRONMENTAL QUALITY
OFFICE OF ENVIRONMENTAL SERVICES

Reference: Entergy Louisiana, Inc.
Little Gypsy Plant
Surface Impoundments
GD-089-2735/OU-0194A/PA# 472
St. Charles Parish

Subject: Exemption Request

Dear Mr. Vince:

Pursuant to our recent meeting with representatives of the Louisiana Department of Environmental Quality (LDEQ), Entergy Services, Inc. (Entergy) hereby requests exemption from certain Solid Waste Regulations, in accordance with LAC 33:VII.307. The exemption is requested for the Oily Waste Pond operated at the Entergy Louisiana, Inc. (ELI) Little Gypsy Plant.

Specific Provisions from which an Exemption is Sought (LAC 33:VII.307.B.1)

Entergy requests an exemption from the requirements of LAC 33:VII.709.C.1.c regarding the spacing, number, and sampling of borings required to characterize subsurface geology and hydrogeology. This exemption request provides that: (1) compliance with the related provisions would impose an unreasonable economic or technologic burden on the facility; and (2) that no significant adverse impact on public health, safety, welfare, or the environment would be caused by the ongoing activity, consistent with the Louisiana Solid Waste Rules and Regulations (LSWRR).

Justification for the Exemption Sought (LAC 33:VII.307.B.2)

No Significant Adverse Impact: The Oily Waste Pond is an existing impoundment that has had no adverse impact on the public health, safety, welfare, or the environment, and has been operated in accordance with the LSWRR. A groundwater monitoring system will be installed to monitor groundwater quality around the impoundment. Data from this monitoring program will be used to detect any potential leakage from the impoundment. If groundwater impact is detected, steps will be taken to avoid further impact and to remediate the groundwater, if needed.

Mr. Michael Vince

Page 2

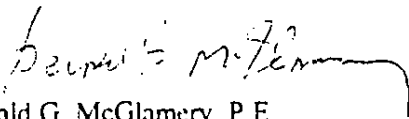
LAC 33:VII.709.C.1.c

Unreasonable Burden: The requirements set forth regarding the depth of borings to be installed around the Oily Waste Pond would impose unreasonable economic and technologic burdens, since the existing geologic and hydrogeologic characterizations are adequate for complying with the LSWRR. Geologic and hydrogeologic information to a depths ranging from approximately 60 to 100 feet bgs is available from four previous borings installed near the Oily Waste Pond. Three of the four borings are within 50 feet of the pond and the fourth boring is approximately 500 feet from the pond. The three borings located near the pond were sampled continuously to a depth of at least 30 feet below the base of the pond, and the fourth boring was sampled nearly continuously to a depth of greater than 30 feet below the base of the pond. Twelve additional borings installed on the site, but located from approximately 600 to 1,500 feet west/southwest of the Oily Waste Pond were also used to characterize the geology and hydrogeology of the site. The information obtained from these borings was sufficient to characterize the site.

No Significant Adverse Impact: A groundwater monitoring system will be installed to monitor the quality of the groundwater in the vicinity of the impoundment. This system has been proposed, based on the site characterization, and will ensure that groundwater passing the relevant point of compliance has not been impacted by the impoundment. Any potential impact identified will be addressed immediately, and appropriate action taken.

We appreciate your consideration of this exemption request. If you have questions or need additional information, please do not hesitate to call Mr. Gus VonBodungen or my staff at (504) 576-6037.

Sincerely,



Gerald G. McGlamery, P.E.
Louisiana Environmental Administrator

cc: Renee Pittman - LDEQ Office of Environmental Services
Thea Johnson - LDEQ Office of Environmental Services
Hamilton Shaw - LDEQ Office of Environmental Assessment
Brett LeBlanc - LDEQ Office of Environmental Assessment



Entergy Services, Inc.
639 Loyola Avenue
P.O. Box 61000, L-ENT-5E
New Orleans, LA 70161-1000
Tel 504 576 6467

Gerald G. McGlamery, P.E.
Administrator
LA Environmental Support

October 11, 1999

Certified Mail No. Z 431 933 605
Return Receipt Requested

Mr. Gustave A. VonBodungen, P.E.
Assistant Secretary
Louisiana Department of Environmental Quality
Office of Environmental Services - Permits Division
P. O. Box 82135
Baton Rouge, Louisiana 70884-2135

Subject: Exemption Request - Oily Waste Surface Impoundment

Reference: Entergy Louisiana, Inc - Little Gypsy Plant
GD-089-2735/OU-0194A/PA# 472
St. Charles Parish

Dear Mr. VonBodungen:

Pursuant to our recent meeting with Solid Waste Division personnel of the Louisiana Department of Environmental Quality (LDEQ), Entergy Services, Inc. (Entergy) hereby requests exemption from certain Solid Waste Regulations, in accordance with LAC 33:VII.307. The exemption is requested for the Oily Waste Pond operated at the Entergy Louisiana, Inc. - Little Gypsy Plant.

Specific Provisions from which an Exemption is Sought (LAC 33:VII.307.B.1)

Entergy requests an exemption from the requirements of LAC 33:VII.709.B.2, which includes providing a minimum 200-foot buffer zone between the solid waste impoundments and the property line. This regulation also states that the buffer zone requirement may be waived or modified by the administrative authority for existing facilities. The subject surface impoundment is an existing facility that received waste prior to October 9, 1993.

The exemption request provides that: (1) compliance with the related provisions would impose an unreasonable economic or technologic burden on the facility; and (2) that no significant adverse impact on public health, safety, welfare, or the environment would be caused by the ongoing activity, consistent with the Louisiana Solid Waste Rules and Regulations (LSWRR).

Justification for Each Exemption Sought (LAC 33:VII.307.B.2)

LAC 33:VII.709.B.2

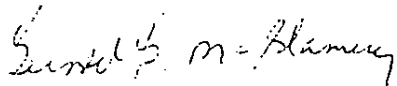
Unreasonable Burden: Compliance with the buffer zone requirement would pose an unreasonable economic burden on the facility, as the existing Oily Waste Pond would have to be relocated and reconstructed, requiring existing piping to the pond to be relocated as well. The expense of this relocation and reconstruction would likely be over one million dollars. Purchasing additional property to provide a buffer zone is not possible because the adjacent property is owned by several individual property owners. By this letter, we are requesting a buffer zone waiver from the administrative authority.

No Significant Adverse Impact: The Oily Waste Pond is an existing impoundment that has had no adverse impact on the public health, safety, welfare, or the environment, and has been operated in accordance with the LSWRR. A groundwater monitoring system will be installed to monitor groundwater quality around the impoundment. Data from this monitoring program will be used to detect any potential leakage from the impoundment. If groundwater impact is detected, steps will be taken to avoid further impact and to remediate the groundwater, if needed.

We appreciate your consideration of this exemption request. If you have questions or need additional information, call Robert O. Bourg at (504) 576-7123.

Sincerely,

Entergy Services, Inc.



Gerald G. McGlamery, PE
Louisiana Environmental Support Administrator

cc: Renee Pittman – LDEQ - Office of Environmental Services
Ho Van Nguyen – LDEQ - Office of Environmental Assessment
Hamilton Shaw – LDEQ - Office of Environmental Assessment
Brett LeBlanc – LDEQ - Office of Environmental Assessment

October 8, 1999

Mr. Michael Vince
Louisiana Department of Environmental Quality
Permits Section
P. O. Box 82178
Baton Rouge, Louisiana 70804-2178

Subject: Response to Notice of Deficiency #1
Louisiana Power & Light Company
Little Gypsy Plant
Surface Impoundment
GD-089-2735/OU-0194/PA# 472
St. Charles Parish

Telephone

225-753-0081

Facsimile

225-753-0401

Dear Mr. Vince:

On behalf of our client, Entergy Services, Inc. (Entergy), Earth Tech, Inc. (Earth Tech) is pleased to submit herein four copies of the Response to Notice of Deficiency #1 (NOD) for the Oily Waste Pond located at the Louisiana Power & Light Company (LP&L), Little Gypsy Electric Generating Plant. The NODs addressed herein were received from the Louisiana Department of Environmental Quality (LDEQ) Solid Waste Division, following their review of the Permit Application for the Oily Waste Pond. A copy of the referenced NODs is attached.

The NODs received from the LDEQ have been addressed by making the necessary text deletions and additions, which are indicated in this document by text strikeout (deletion) and highlight (addition). For the Part II Permit text, only pages with revised text are included. In addition, information such as figures and tables have been added to appendices as needed. We believe the proposed text modifications and added information is sufficient to address the NODs. Upon your review and approval of this NOD response document, the modifications will be incorporated into the permit renewal application and the entire document will be resubmitted to the LDEQ.

E A R T H  T E C H

Mr. Michael Vince
October 8, 1999
Page 2

Please review this NOD response and contact me at (225) 753-0081, or Mr. Gerald McGlamery with Entergy at (504) 576-6462 if you have any questions.

Sincerely,

Earth Tech, Inc.



Terri L. Blackmar, F.E., R.P.G.
Vice President, Division Manager

cc: Renee Pittman, LDEQ
Hoa Van Nguyen, LDEQ
Hamilton Shaw, LDEQ
Gus VonBodungen, Entergy
Gerald G. McGlamery, Entergy
Robert O. Fourg, Entergy
Little Gypsum Plant, Solid Waste File





DEPARTMENT OF THE ARMY

NEW ORLEANS DISTRICT CORPS OF ENGINEERS

P.O. BOX 60267

NEW ORLEANS, LOUISIANA 70160-0267

September 13, 1999

REPLY TO
ATTENTION OF:

Operations Division
Surveillance and Enforcement Section

Mr. Bob Bourg
Earth Tech, Inc.
12133 Industriplex Boulevard
Baton Rouge, Louisiana 70809

Dear Mr. Bourg:

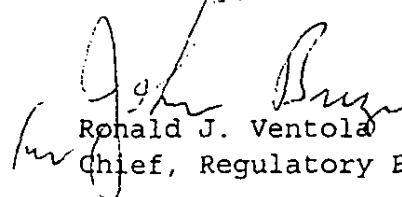
This is in regard to your letter of July 22, 1999, concerning your application for a surface impoundment permit for your 2.10-acre pond at your facility in Sections 9, 10, and 11, Township 12 South, Range 7 East, near Montz in St. Charles Parish, Louisiana (enclosed map). We understand that the application requires verification regarding the presence or absence of wetlands within 1000 feet of the facility.

Based on review of recent maps, aerial photography, and soils data, we have determined that there are wetlands within 1000 feet of the site.

You are advised that this determination is valid for a period of 5 years from the date of this letter unless new information warrants revision prior to the expiration date.

Should you have any questions concerning this determination, please contact Mr. Cody Wheeler at (504) 862-2595 and reference our Account No. 199903697.

Sincerely,


Ronald J. Ventola
Chief, Regulatory Branch

Enclosure



Entergy Services, Inc.
639 Loyola Avenue
P. O. Box 61000, L-ENT-5E
New Orleans, LA 70161-1000
Tel 504 576 6467

LA Environmental Support

July 30, 1999

Certified Mail No. Z 431 933 590
Return Receipt Requested

Mr. William J. Mollere, Administrator
Solid Waste Division
Project Management Section
P. O. Box 82178
Baton Rouge, LA 70884-2178

Subject: Annual Solid Waste Reports
July 1, 1999 - June 30, 1999
Reference: Entergy Louisiana, Inc. - Little Gypsy Plant
GD-089-2735

Dear Mr. Mollere:

Enclosed you will find the Annual Industrial Solid Waste Generator Report and the following Annual Solid Waste Disposer Reports for the referenced site:

Permit Number	Facility
PA 472 OU-0194A	Oily Waste Pond
OC-0228B	Low Volume Pond, Boiler Blowdown Pond, Metal Cleaning Waste Pond, West Ditch Enlargement

Should you have any questions, please call me at (504) 576-7123.

Sincerely,

Robert O. Bourg
Senior Environmental Analyst

Attachments

**LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY
INDUSTRIAL SOLID WASTE GENERATOR ANNUAL REPORT**

July 1, 1998 through June 30, 1999

1. Site Identification Number GD-089-2735
 2. Name of Generator Entergy Louisiana, Inc. - Little Gypsy Plant
 3. Mailing Address 17420 River Road, LaPlace, LA, 70068
 4. Contact Donald McBride Telephone 504-653-3853

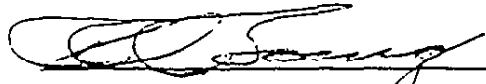
5. SUMMARY OF INDUSTRIAL SOLID WASTE GENERATED THIS YEAR:

(If additional sheets are required, please provide your identification number and the date on each sheet)

SEVEN-DIGIT WASTE NUMBER	QUANTITY (WET-WEIGHT TONS)	COLLECTOR/ TRANSPORTER IDENTIFICATION NUMBER	DISPOSER IDENTIFICATION NUMBER
2735-002	1.92	T 061 3125	D 063 1941
(Asbestos - friable and/or non-friable)		Custom Ecology Inc.	Woodside Landfill
Total Amount Generated	1.92		

6. CERTIFICATION: I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Signature:



Date:

7-30-99

Name and Title:

Robert O. Bourg - Senior Environmental Analyst

This form is to be returned to the Solid Waste Division at the following address no later than August 1 of each reporting year. Questions regarding the form may be directed to the Solid Waste Division, Project Management Section at (504) 765-0249.

Solid Waste Division
P.O. Box 82178
Baton Rouge, LA 70884-2178

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

SOLID WASTE DISPOSER ANNUAL REPORT

TYPE I AND II LANDFILLS, LANDFARMS, SURFACE IMPOUNDMENTS AND
TYPE III CONSTRUCTION DEMOLITION DEBRIS AND WOODWASTE LANDFILLS

(Please Refer to the Detailed Instructions)

1.	Site Identification No.	<u>GD-089-2735</u>	July 1, 19 <u>98</u>	through June 30, 19 <u>99</u>
2.	Permit Number	<u>PA 472 (OU-0194A)</u>		
3.	Name of Permit Holder	<u>Entergy Louisiana, Inc. - Little Gypsy Plant</u>		
4.	Name of Disposal Facility	<u>Oily Waste Pond</u>		
5.	Mailing Address	<u>17420 River Rd, LaPlace, LA, 70068</u>	Parish	<u>St. Charles</u>
6.	Contact	<u>Mr. Donald McBride</u>	Telephone	<u>(504) 653-3800</u>
7.	Type of Facility:	<input type="checkbox"/> Landfill <input type="checkbox"/> Landfarm <input checked="" type="checkbox"/> Surface Impoundment <input type="checkbox"/> Construction/Demolition Debris Landfill <input type="checkbox"/> Woodwaste Landfill		

8. Surface Impoundments.

This section applies only to surface impoundments.

- A. Indicate the quantity of waste (solids/sludge) that have been removed from the surface impoundments during the past year (July 1 - June 30).

0 Wet-weight Tons

- B. Provide the identification number and permit number of the facility used to dispose of the waste.

Site Identification Number

N/A

Facility Permit Number

N/A

9. Type I and II Landfills, Landfarms and Surface Impoundments.

This section applies only to Type I and II landfills, landfarms, and surface impoundments.

- A. Estimated remaining permitted capacity (expressed in wet-weight tons)

48,463.90

- B. Estimated life of facility (expressed in months and based on the permitted capacity of the facility)

indefinite

10. Construction/Demolition and Woodwaste Landfills.

This section applies

only to construction/demolition and woodwaste landfills. Please mark all that apply.

- ☐ This facility receives only woodwaste that are beneficially used in accordance with Best Management Practice Plan that has been approved in writing by the Department of Agriculture and submitted to the Solid Waste Division.
- ☐ This facility receives only woodwastes resulting from utility right-of-way clearings. These woodwastes are only received from utility companies or their authorized contractors.
- ☐ This construction/demolition debris facility receives only wastes that have been generated on-site.
- ☐ This woodwaste facility receives only waste generated by the owner of the property on which the facility is located.

This form is to be returned to the Solid Waste Division at the following address no later than August 1 of each reporting year. Questions regarding the form may be directed to the Solid Waste Division, Project Management Section at (504) 785-0249.

Solid Waste Division
P. O. Box 82178
Baton Rouge, LA 70884-2178

Permit Number PA 472 (OU-0194A)

Provide below a summary of the non-industrial waste received for this reporting period.

Note: Landfarm facilities are required to report in wet-weight tons and dry-weight tons. All other facilities must report only in wet-weight tons.

[illegible]

12. **Certification:** I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information.

Signature _____ Date _____

Name and Title Robert O. Bourg - Senior Environmental Analyst
(Type the name and title of the person signing the form.)

Permit Number PA 472 (OU-0194A)

- [illegible]

July 1, 19 98 through June 30, 99

Site Identification Number GD-089-2735Permit Number PA 472 (OU-0194A)

- 14 All Facilities: Provide all calculations used to compute the quantity (expressed in wet-weight tons) of solid waste received at the facility. Landfarm facilities must provide the calculations used to compute the quantity (in dry-weight tons) of solid waste received at the facility. Surface impoundments must provide all calculations used to compute the quantity of total suspended solids disposed in the facility.

8A. Calculations: No sediment has been processed from the pond this year.

9A. Calculations:

Estimated remaining permitted capacity will be calculated by using the previous year's reported remaining capacity minus the capacity of the sludge added during this reporting year. The previous year's remaining capacity was calculated by subtracting the sludge volume from the total component volume. The sludge volume was based on a Rust Environmental & Infrastructure feasibility document using the average-end method. The sludge added during this reporting period is calculated in section 13B below.

Facility	Previous Remaining Capacity (tons)	Sludge Added(tons)	New Remaining Capacity (tons)
Oily Waste Pond	49,146.90	683.00	48,463.90
Total Present Remaining Capacity (tons):			48,463.90

9B Calculations: Indefinite life due to re-powering of the Plant in the future.

11B & 13B Calculations: This pond receives both industrial and non-industrial waste.

Quantity of Industrial Solid Waste received this year = Quantity of powdex resin + quantity of solka-floc resin.

Quantity of powdex resin = 1 cu.ft./box X 26 boxes/charge X
 0 charges/yr X 1 year(s) X
 50 lbs/cu.ft. X 5.00E-04 tons/lbs
 = 0 tons

Quantity of solka-floc resin = 40 lbs/bag X 2 bags/charge X
 6 charges/yr X 1 year(s) X 5.00E-04
 = 0.24 tons tons/lbs

Quantity of Industrial Solid Waste
 received this year = 0 tons + 0.24 tons
 = 0.24 tons

Quantity of Non-Industrial Solid Waste received this year = Average annual sludge accumulation as calculated in last year's report minus the quantity of industrial solid waste received this year.

Quantity of Non-Industrial Solid Waste
 received this year = 683 *tons - 0.24 tons
 *(683 tons represents the average annual accumulation as calculated by the volume of sludge measured by Rust using the average-end method after 16 years of service.)
 = 682.76 tons

Sludge added during this reporting year = 683.00 tons

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

SOLID WASTE DISPOSER ANNUAL REPORT

TYPE I AND II LANDFILLS, LANDFARMS, SURFACE IMPOUNDMENTS AND
TYPE III CONSTRUCTION DEMOLITION DEBRIS AND WOODWASTE LANDFILLS

(Please Refer to the Detailed Instructions)

1.	Site Identification No.	<u>GD-089-2735</u>	July 1, 19 <u>98</u>	through June 30, 19 <u>99</u>
2.	Permit Number	<u>OC-0228B</u>		
3.	Name of Permit Holder	<u>Entergy Louisiana, Inc. - Little Gypsy Plant</u>		
4.	Name of Disposal Facility	<u>Low Volume Pond, Boiler Blowdown Pond, Metal Cleaning Waste Pond, West Ditch Enlargement</u>		
5.	Mailing Address	<u>17420 River Rd, LaPlace, LA, 70068</u>	Parish	<u>St. Charles</u>
6.	Contact	<u>Mr. Donald McBride</u>	Telephone	<u>(504) 653-3800</u>
7.	Type of Facility:	<input type="checkbox"/> Landfill <input type="checkbox"/> Landfarm <input checked="" type="checkbox"/> Surface Impoundment <input type="checkbox"/> Construction/Demolition Debris Landfill <input type="checkbox"/> Woodwaste Landfill		

8. Surface Impoundments.

This section applies only to surface impoundments.

- A. Indicate the quantity of waste (solids/sludge) that have been removed from the surface impoundments during the past year (July 1 - June 30).

0.00 Wet-weight Tons

- B. Provide the identification number and permit number of the facility used to dispose of the waste.

Site Identification Number N/A
Facility Permit Number N/A

9. Type I and II Landfills, Landfarms and Surface Impoundments.

This section applies only to Type I and II landfills, landfarms, and surface impoundments.

- A. Estimated remaining permitted capacity (expressed in wet-weight tons)

0.00

- B. Estimated life of facility (expressed in months and based on the permitted capacity of the facility)

0 months

10. Construction/Demolition and Woodwaste Landfills.

This section applies

only to construction/demolition and woodwaste landfills. Please mark all that apply.

- ☐ This facility receives only woodwaste that are beneficially used in accordance with Best Management Practice Plan that has been approved in writing by the Department of Agriculture and submitted to the Solid Waste Division.
- ☐ This facility receives only woodwastes resulting from utility right-of-way clearings. These woodwastes are only received from utility companies or their authorized contractors.
- ☐ This construction/demolition debris facility receives only wastes that have been generated on-site.
- ☐ This woodwaste facility receives only waste generated by the owner of the property on which the facility is located.

This form is to be returned to the Solid Waste Division at the following address no later than August 1 of each reporting year. Questions regarding the form may be directed to the Solid Waste Division, Project Management Section at (504) 765-0249.

Solid Waste Division
P. O. Box 82178
Baton Rouge, LA 70884-2178

Permit Number OC-0228B

Provide below a summary of the non-industrial waste received for this reporting period.

Note: Landfarm facilities are required to report in wet-weight tons and dry-weight tons. All other facilities must report only in wet-weight tons.

12. **Certification:** I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information.

Name and Title Robert O. Bourg - Senior Environmental Analyst
(Type the name and title of the person signing the form.)

Permit Number OC-0228B

- [illegible]